SCH-u520 Series

P O R T A B L E D U A L - M O D E

M O B I L E P H O N E

User Guide

Please read this manual before operating your phone, and keep it for future reference.

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Section 1: Getting Started

Topics Covered

- Understanding this User Manual
- Activating Your Phone
- Charging the Battery
- Setting Up Your Voice Mail

This section explains how to start using your phone by activating your service, setting up your voice mail, or getting an understanding of how this manual is put together.

Understanding this User Manual

The chapters of this guide generally follow the same order as the menus and sub-menus in your phone. A robust index for quick reference to most features begins on page 187.

Also included is important safety information that you should know before using your phone. Most of this information is near the back of the guide, beginning on page 161.

Notes and tips

Throughout this guide are icons and text that are set apart from the rest. These are intended to point out important information, quick methods for activating features, to define terms, and more. The definitions for these methods are as follows:

- **Notes**: Explain alternative options within the current feature, menu, or sub menu.
- **Tips**: Provide quick or innovative methods for performing functions related to the subject at hand.
- **Fast Facts**: Are like snippets from a glossary. Fast facts provide definitions in context and proximity to the menu or feature in question.
- **Important**: Points out important information about the current feature that could affect performance, or even damage your phone.

Activating Your Phone

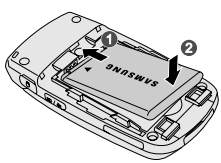
Contact your Wireless Carrier and follow their instructions for obtaining service, if necessary. We suggest that you read this guide to fully understand the services your phone supports.

Install the Battery

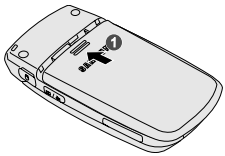
Note: Your phone comes packaged with a partially charged rechargeable standard Li-Ion battery and travel adapter.

Important!: You must fully charge the battery the first time you use your phone, otherwise you could damage the battery. You can use your phone while the battery is charging, but the battery will take longer to recharge.

1. Insert the top end (1) of the battery first, matching the gold contacts on the top end of the battery to those inside of the phone.
2. Press the bottom end of the battery (2) down into the phone.



3. Place the battery cover over the battery and slide the cover upward into place (1).



Turn Your Phone On

1. Open the flip on your phone.
2. Press the END key.

Note: As with any other radio-transmitting device, do not touch the antenna while using your phone as this can affect call quality and can cause the phone to operate at a higher power level than is necessary.

3. The phone begins searching for a network signal.
4. Once the phone finds a signal, the time, date and day appear in the bottom of the display.
5. You're now ready to place and receive calls.

Note: If you are outside of your carrier's coverage or roaming area (R), the No Service icon ( ) appears at the top of the phone's display. If you cannot place or receive calls, try later when service is available, or at another location.

Turn Your Phone Off

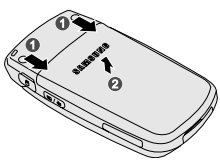
- Press and hold the END key for two or more seconds. Your phone powers off.

Note: If your phone is on and you press END for less than one second, the phone will not power off. This prevents your phone from being turned off accidentally.

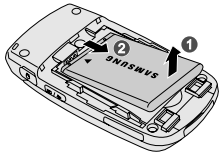
Remove the Battery

Important!: You must unplug the Travel Adapter (if it is connected) before removing the battery from the phone during charging to avoid damage.

1. Press and hold the END key to turn off the phone (if on).
2. Press the battery cover at points (1) and slide the cover (2) toward the bottom end of the phone.



3. Lift the battery (1) up and away from the phone (2), bottom end first.

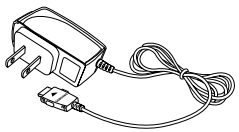


Charging the Battery

Your phone is powered by a rechargeable standard Li-Ion battery. Only use Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. **Using other accessories may invalidate your warranty and may cause damage.**

Use the Travel Adapter

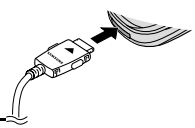
The travel adapter included with your phone is a convenient, light-weight charger that rapidly charges your phone from any 120/220 VAC outlet.



1. Plug the large end of the Travel Adapter into a standard 120 VAC or 220 VAC wall outlet.

Note: For connection to an electrical supply not located in the U.S., you must use an adaptor of the proper configuration for the power outlet. Use of the wrong adapter could damage your phone and void your warranty.

2. Insert the smaller end of the Travel Adapter into the charger/accessory connector at the bottom end of your phone.



Note: With the phone turned OFF, a discharged battery recharges fully in approximately 200 minutes.

Low battery indicator

The battery indicator ( ) in the upper-right corner of the display indicates power level. Monitor the battery strength and ensure your battery is adequately charged.

- Three bars ( ) indicate a full charge.
- An empty battery icon ( ) indicates a near empty battery.
- A blinking empty battery icon ( ) and a tone sounding indicate you have two to three minutes before the battery is too low to operate the phone.

  If you continue to use your phone without charging its battery, the phone shuts down.

Setting Up Your Voice Mail

Voice mail allows callers to leave voice messages, which can be retrieved any time.

Note: Once your voice mail account has been set up, you can use the Voice Mail folder (under the Message menu) to view details of voice messages in your voice mail box.

1. In idle mode, press and hold the 1 key or dial your own mobile number to dial voice mail.
2. Follow the prompts in the new user tutorial to setup your voice mail box.

Listen to voice mail

1. In idle mode, press and hold the 1 key or dial your own mobile number to dial voice mail. After connecting, you will hear your voice greeting.
2. Interrupt your greeting by pressing *.
3. You are then prompted to enter your password.
4. Enter your password and follow the prompts to listen to your voice mail.

Section 2: Understanding Your Phone

Topics Covered

- Features of Your Phone
- Closed View of Your Phone
- Open View of Your Phone
- Command Keys
- Understanding the Display Screen
- Your Phone's Modes

This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

Features of Your Phone

- Domestic and international voice and text messaging service (available on participating networks).
- High speed data (CDMA 2000 1XEVDO Technology)
- Global Positioning (GPS) Technology
- Personal Information Management (PIM) Functions
- Video Messaging
- MMS Messaging
- Text Messaging
- Email Messaging
- 1.3 Megapixel Camera with Flash and Camcorder function
- Advanced Speech Recognition
- Speakerphone
- microSD™ Memory Card slot
- Bluetooth® Wireless Technology **

** The SCH-u520 supports the wireless handsfree profile, serial port profile, and dial-up networking profile for Bluetooth® wireless technology. The SCH-u520 does not support Bluetooth OBEX profiles.

Closed View of Your Phone

Features

1. **Camera Lens** — The lens of your built-in camera.
2. **Volume Keys** — With the phone closed, turns on the external display backlight when held down.

   When receiving a call, mutes the ringer.
3. **Front Display** — Indicates the status of your phone, including status icons, message indicators, signal strength, and so on. Shows time and date.
4. **Media Player Keypad** — Used with the phone closed to control play of music files.
5. **Stereo Speakers** — Used to listen to audio from your phone, such as music files, alerts, and ringtones.
6. **Power/Accessory Connector** — Used to plug in the charging accessories and also connect any available accessory cables to your phone. Lets you plug in an optional headset for safe, convenient, hands-free conversations.
7. **Memory Card Slot** — Used to plug in a microSD memory card for additional multimedia file storage.

8. **Camera/Speakerphone Key** — Launches camera when the phone is closed.
9. **Headset Jack** — Used to connect a hands-free headset to your phone. With a headset connected and the phone closed, you can answer calls and place calls to your Contacts without touching your phone.
10. **Flash** — Used with the built-in camera to take photos and videos in low light.

Open View of Your Phone

Features

1. **Earpiece** — Lets you hear the other caller.
2. **Main Display** — Indicates the status of your phone, including status icons, message indicators, signal strength, and so on. Shows menus, calls, and messages.
3. **Navigation Key** — Lets you scroll through the phone menu options.
4. **Left Soft Key** — Used to navigate through menus and applications and to select the choice available in the Left Soft key option.
5. **Volume Keys** — During a call, adjusts the earpiece volume.

   In standby mode with the phone open, adjusts the ring volume.

   When receiving a call with the phone open or closed, mutes the ringer.
6. **Send Key** — Lets you place or receive a call. In standby mode, press the key once to access the recent call log.
7. **Microphone** — Lets the other caller hear you clearly when you are speaking to them.
8. **Special Function Keys** — Enter special characters. Performs various functions.
9. **Power/Accessory Connector** — Used to plug in the charging accessories and also connect any available accessory cables to your phone. Lets you plug in an optional headset for safe, convenient, hands-free conversations.
10. **Voice Recognition Key** — Launches VoiceSignal options.
11. **Alpha-numeric Keys** — Use these keys to enter numbers, letters, and characters.
12. **Clear Key** — Deletes characters from the display when you are in text entry mode. Press this key to return to the previous menu or screen when navigating features on your phone.
13. **Camera/Speakerphone Key** — With the phone open and in standby mode, launches the camera and enables and disables speaker phone mode.

    In camera mode, switches between camera and camcorder functions.
14. **End Key** — Ends a call. If you press and hold the END key, the power goes On or Off. When you receive an incoming call, press to send the call to voicemail.
15. **OK Key** — Pressing when navigating through a menu accepts the highlighted choice in a menu.

16. **Right Soft Key** — Used to navigate through menus and applications and to select the choice available in the Right Soft key option.
17. **Headset Jack** — Used to connect a hands-free headset to your phone. With a headset connected and the phone closed, you can answer calls and place calls to your Contacts without touching your phone.

Command Keys

Functions for the soft keys are defined by what appears above each in the display. There are two soft keys, the left soft key ( ) and the right soft key ( ).

Left Soft Key

Some functions of the left soft key are as follows.

- In standby mode, press the **Message** (left) soft key ( ) to open the **Messages** menu.
- When the left soft key function is Edit, press the **Edit** (left) soft key ( ) to edit a Contact.

Right Soft Key

Some functions of the right soft key are as follows.

- In standby mode, press the **Contacts** (right) soft key ( ) to open the **Contacts** menu.
- When the right soft key function is Back, press the **Back** (right) soft key ( ) to back up one menu level.
- When the right soft key function is Options, press the **Options** (right) soft key ( ) and a pop-up menu appears.

OK Key

- In standby mode, press the **Menu** key (OK) to open the main menu.
- In a menu, press the **OK** key (OK) to accept the highlighted selection.
- In camera mode, press the **OK** key (OK) to take a photo or to create a Pic message.
- When the **OK** key function is Edit, press the **Edit** (OK) key (OK) to edit a Draft message.

Clear Key

The **CLR** key (CLR) is used to erase or clear numbers, text, or symbols from the display. You can also use the CLR key to return to a previous menu or to return to standby mode from any menu.

1. If you enter an incorrect character, briefly press CLR to backspace (and delete) the character.

2. To erase the entire sentence, press and hold CLR.
3. To back up one menu level, briefly press CLR.
4. To return to standby mode, press and hold CLR until you return to standby mode.

End Key

1. In standby mode, press and hold the **End** key (END) to turn your phone off.
2. Briefly press END once to disconnect a call.
3. Press END to return to standby mode from any menu, or to cancel the last input.
4. With your phone turned off, press END to turn your phone on.

Send Key

The **Send** key (SEND) is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

1. Press SEND once to answer calls.
2. Enter a number and briefly press SEND to make a call.
3. Briefly press SEND in standby mode to display a list of recent calls to and from your phone.
4. Press SEND twice in standby mode to call the most recent number.
5. Press SEND to pick up a waiting call. Press SEND again to switch back to the other call.

Navigation Key

Use the directional keys on the navigation key (OK) to browse menus, sub-menus, and lists. Each key also acts as a shortcut to launch applications.

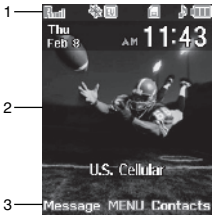
Camera / Speakerphone Key

In standby mode, momentarily press the Camera/Speakerphone key ( ) — located on the right side of your phone — to activate the camera built into your phone.

With the camera or camcorder active, the Camera/Speakerphone key ( ) switch between the camera and camcorder functions.

In standby mode, press and hold the Camera/Speakerphone key ( ) to switch from using the earpiece to the speakerphone (speakerphone option). Use the volume keys — located on the left side of your phone — to adjust the volume.

Understanding the Display Screen



1. The top line of your phone's main display contains icons that indicate network status, battery power, signal strength, connection type, and more.
2. The center portion of the main display shows information such as call progress information, messages, and photos.
3. The bottom line of the main display shows current soft key functions. The sample screen shows that pressing the **Left** soft key ( ) will show the Messages menu. Pressing the **Right** soft key ( ) will show the Contacts menu.

Display Screen Icons

Your SCH-U520 phone can show you definitions of the icons that appear on the top lines of the front and main displays. To access the Icon Glossary:

► In idle mode, press the **MENU** key ( ), then press 9wxyz (for **Settings**), 5jkl (for **Phone Info**), and 2abc for **Icon Glossary**. A list shows of the icons that can appear on the top line of the display.

Dialogue Boxes

Dialogue boxes prompt for action, inform you of status, or warn of situations such as low memory. Dialogue boxes and their definitions are outlined below.

- **Choice**
  - Example: "Save message?"
- **Reconfirm**
  - Example: "Erase all messages?"
- **Performing**
  - Example: "SENDING..." "Connecting..."
- **Completed**
  - Example: "Message saved"
- **Information**
  - Example: "New Message"
- **Error**
  - Example: "Card not available. Please Insert card"
- **Warning**
  - Example: "Battery Low," "Memory Full!"

Backlights

Backlights illuminate the internal and external displays and the keypad. When you press any key or open the phone, the backlights come on. They go off when no keys are pressed within a period of time set in the **Backlight** menu.

Note: During a phone call, the display backlights dim and turn off after ten seconds to conserve battery power, regardless of the Backlight setting.

See “Backlight” on page 116 for more information.

Your Phone’s Modes

Call Answer Mode

You can select how you wish to answer a call.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Call Settings**), and 1@.x for **Call Answer**. The following call answer options appear in the display:
   - **Any Key** — Pressing any key except the END key or volume key answers a call.
   - **Send Only** — Only pressing SEND answers a call.
   - **Flip Open** — Opening the phone’s flip or pressing SEND answers a call.

Tip: You can set your phone to answer calls automatically, without any input from you. (See “Auto Answer” on page 145 for more information.)

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2. Use the navigation keys to highlight an option.
3. Press the OK key to select the method for answering calls.

Input mode

Input mode determines how you enter text, numbers and symbols. While at any text entry screen, press the **Abc** (left) soft key (•••), then choose the input mode from the pop-up menu using the navigation keys. Optional input modes are **T9 Word**, **Abc**, **ABC**, **123**, and **Symbols**. (See “Entering Text” on page 47 for more information.)

Tip: You can also cycle between **T9 Word**, **Abc**, and **123** by repeatedly pressing and holding the *• key.

Lock Mode

When the phone is in Lock Mode, restrictions are placed on phone use. You can receive calls and messages, but cannot place outgoing calls (except for emergency numbers) until you unlock the phone. Lock Mode also restricts access to menus and the volume key. Unlock your phone by entering the lock code when prompted. (See "Lock Phone" on page 148 for more information.)

Standby Mode

Standby mode is the state of the phone once it has found service and is idle. The phone goes into standby mode:

- After you power the phone on.
- When you press after a call or from within a menu.

In standby mode, you will see the time, day, and date as well as all phone status icons.

1. While in standby mode, enter a phone number, and press to place a call.
2. Press to return to standby mode.

Receive Messages in Standby Mode

You can receive messages in standby mode. An alert tone sounds and a notification message appears in the display when a new message arrives. The following options also appear in the display:

- **View Now**
- **View Later**

Use the navigation keys to highlight the desired option and press the key.

Talk Mode

You can place and receive calls only when your phone is on. While in a call your phone is in talk mode. Press the **Options** (right) soft key ( ) to display a list of menu options. See "In-Use Menu" on page 29 for more information.

Enter/Exit Silent Mode

Silence the tones your keypad makes when you press a key.

- In standby mode, press and hold . "**Entering silent mode**" briefly appears in the display, and your phone returns to standby mode.
- While in Silent mode and standby mode, press and hold . "**Exit silent mode**" briefly appears in the display, and your phone returns to standby mode.

Enter/Exit Sound Off Mode

Silence your phone's ringer.

- In standby mode, press and hold the **Down** volume key (). "**Sound Off Activated**" briefly appears in the display, and your phone returns to standby mode.
- While in Sound Off mode and standby mode, press and hold the **Up** volume key (). "**Normal Mode Activated**" briefly appears in the display, and your phone returns to standby mode (Sound Off mode is deactivated).

Vibrate Mode

▶ In standby mode, repeatedly press and the **Down** volume key () until **Vibrate** appears in the display.

The volume key is on the upper left side of phone, near the left soft key ( ).

Adjust the Ringer

1. In standby mode, press the volume key ( ) on the left side of the phone up or down. Options are:
   - Ringer Off
   - Vibrate
   - Low
   - Low/Medium
   - Medium
   - Medium/High
   - High
   - Vibrate/High
2. When you are satisfied with the setting, press the **SET** ( ) key. Your phone returns to standby mode.

Tip: You can also enter the **Volume** sub-menu by pressing the **MENU** key ( ), then pressing the , , and keys. Use the Volume key on the left side of your phone to adjust the ringer volume settings.

Note: The Vibrate icon ( ) appears in the display when the phone is in Vibrate mode. The Vibrate plus Ring icon ( ) appears in the display when the phone is in or Vibrate/High mode.

Camera Mode

Camera mode lets you activate your phone's camera to take pictures. In Camera mode, you can also adjust the resolution and appearance of your pictures.

See "Camera-Camcorder" on page 90 for more information.

- **Entering Camera Mode** — In standby mode, press the **Camera/Speakerphone** key on the upper right side of your phone.
- **Switching to Camcorder Mode** — In camera mode, press the **Camera/Speakerphone** key on the upper right side of your phone.

• **Exiting Camera Mode** — Press the key.

Section 3: Call Functions

Topics Covered

- Making a Call
- Answering a Call
- Calls

This section provides procedures for making and answering calls. This section also describes features, such as call logs and call timers, that help you make calls and manage your call time.

Making a Call

1. With the phone on, enter the number you wish to call using the keypad.
2. Press SEND to place the call.

Three-way Calling

Call two other numbers and connect them to your call using three-way calling.

1. In standby mode, enter the number for the first party in your call, then press SEND.
2. When connected, ask the other party to remain on the line. Press SEND to place them on hold.
3. Enter the second party's phone number and press SEND.
4. When the second party answers, press SEND to connect all three parties.

Manual Pause Calling

To manually call a number with pause(s) without storing it in your Contacts list:

1. In standby mode, enter the number you wish to call.
2. Press the **Options** (right) soft key (•••). The following pause options appear in the display:
   - **Wait** — A hard pause (waits for input from you).
   - **2-Sec Pause** — A 2-second pause after which dialing resumes.
3. Use the navigation keys to highlight the desired pause.
4. Press the OK key to enter the highlighted pause into the number sequence.
5. Press SEND to call the number.

Tip: Store pauses along with the number if you plan to call the number frequently.

Speed Dialing

Speed Dialing lets you place a call to any Contact stored in your Contacts list by dialing the Contact's Location number.

1-Touch Dialing

Use 1-touch dialing to speed dial Contacts from 001 (Voicemail) through 009.

▶ In standby mode, press and hold the number key representing the desired Contact's Location number.

Example: To speed dial the Contact assigned Location 005, press and hold the 5 jkl key.

2-Touch Dialing

Use 2-touch dialing to speed dial Contacts from 010 through 099.

1. In standby mode, press and release the number key representing the first digit of the desired Contact's Location number.
2. Press and hold the number key representing the second digit of the desired Contact's Location number.

Example: To speed dial the Contact assigned Location 035, press 3 def then press and hold the 5 jkl key.

3-Touch Dialing

Use 3-touch dialing to speed dial Contacts from 100 through 999.

1. In standby mode, press and release the number key representing the first digit of the desired Contact's Location number.
2. Press and release the number key representing the second digit of the desired Contact's Location number.
3. Press and hold the number key representing the third digit of the desired Contact's Location number.

Example: To speed dial the Contacts entry assigned to Location 325, press 3 def, press 2 abc, then press and hold the 5 jkl key.

Voice Dialing

The voice recognition capabilities of your SCH-u520 are exceptional due to advanced, speaker-independent technology. This means you do not need to "train" your phone to understand your voice. You can use your voice in a natural manner to dial numbers.

Note: End Calls Before relaunching the VoiceSignal voice recognition software — When you use Voice Dialing to make a call, you must end that call before you can use other Voice Commands. See for more information.

Use the **Call** command to dial any number stored in your Contacts list by saying the name of the contact (Name Dialing). You can also use the **Call** command to dial any telephone number, even numbers not stored in your contact list, by speaking the individual digits in the number (Digit Dialing).

Voice Dialing Tips:

- Wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking to someone on the phone.
- When saying a name, say the first name then the last name.

Dialing a Name

To dial a name, do the following:

1. In standby mode, press and hold the Talk key.

   "**Say a Command**" appears in the display and is pronounced through the earpiece.

2. Say, "**Call**".

   You are prompted to "**Say the name or #**".

3. Speak clearly and say the name of a person in your Contacts list, first name followed by last name.

   If the name is recognized, **Call** repeats the name and dials the number.

   If **Call** is not sure which name you said, it displays a choice list of up to three names and prompts you with "**Did you say?**" followed by the first name on the list.

4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See "Choice Lists" on page 129, for more information.)

   - Press the **Help** (right) soft key ( ) to say the name again.
   - Press the **Settings** (left) soft key ( ) then press the **Exit** right soft key ( ) to exit **Call** without dialing.

   If the recognized name has multiple numbers stored for it (that is, Mobile, Work, Home, and so on), Voice Dial displays the possible choices and prompts you with "**Which number?**"

5. Say one of the following number types:

   - "**Mobile**"
   - "**Work**"
   - "**Home**"

   Voice Dial dials the specified number.

Dialing a Number

To dial a number using **Call**, do the following:

1. In standby mode, press and hold the Talk key.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Call**".

   VoiceSignal prompts you to "**Say the name or #**."

3. Speak clearly and say the telephone number of the person you want to call. *For example, say "7 8 1 9 7 0 5 2 0 0."*

   If it recognizes the number, **Call** repeats it and dials the number. If **Call** is not sure it has recognized the number, it displays a choice list of up to three numbers and prompts you with "**Did you say?**" followed by the first number on the list.

4. Say "**Yes**" to confirm the number or "**No**" to hear the next one, or use the keypad to select the correct number from the list. (See "Choice Lists" on page 129, for more information.)
   - Press the **Help** (right) soft key ( ) to say the name again.
   - Press the **Settings** (left) soft key ( ) then press the **Exit** right soft key ( ) to exit **Call** without dialing.

Pause Dialing From a Contacts Entry

- If you voice dial a contact that contains 2 sec (two-second) pause(s) simply wait for the pauses to pass and the dialing to complete.
- If you voice dial a contact that contains Wait(s), wait for the appropriate prompt(s) from the number you are calling (credit card number, bank account number, and so on) and enter the appropriate response(s).

Answering a Call

Incoming

When you receive a call, the phone displays one of the following:

- If the caller can be identified, the caller's number (or name if it's in your Contacts) appears in the display.
- If the caller cannot be identified, **Call from unavailable #**, **Call from restricted #**, or **UNKNOWN** appears in the display.

Tip: Assign pictures to Contacts entries. The entry's assigned picture appears in the display when you receive a call from that entry. See "Assigning a Picture to a Contacts Entry" on page 57.

The phone continues to notify you of the call until one of the following events occur:

- You answer the call.
- The calling party ends the call.
- The call is sent to voicemail.

Call Notification Features

Your phone notifies you of a call in a variety of ways.

- Eight ring volume settings including Ringer Off, Vibrate, Low, Low/Medium, Medium, Medium/High, High, or Vibrate/High.

- Different ring types or melodies to distinguish callers.
- Name display with caller ID. (If the caller's name is programmed into your Contacts).
- Information about the last 90 each incoming, missed, and outgoing calls are automatically stored to a call log.

Set Call Ringer Volume

1. In standby mode, press the volume key ( ) on the left side of the phone.
2. Press the volume key up or down to set the call ringer volume as desired.

Adjust the Ringer

1. In standby mode, press the volume key ( ) on the left side of the phone up or down. Options are:

   - **Ringer Off**
   - **Vibrate**
   - **Low**
   - **Low/Medium**
   - **Medium**
   - **Medium/High**
   - **High**
   - **Vibrate/High**

2. Press OK once you're satisfied with the setting. The phone returns to standby mode.

Tip: Tip: You can also enter the Volume sub-menu by pressing the **MENU** key (OK), then pressing 0 (for **Sounds**), 1 (for **Volume**), and 1 for **Voice Calls**. Use the volume key to adjust the ringer setting.

Note: Note: The vibrate icon ( ) appears in the display when the phone is in **Vibrate** mode. The vibrate plus ring icon ( ) appears in the display when the phone is in **Vibrate/High** mode.

Call Answer

Select from three methods for answering calls. This option can be changed in the **Settings** menu.

1. In standby mode, press the **MENU** key (OK), then press 9 (for **Settings**), 2 (for **Call Settings**), and 1 for **Call Answer**. The following options appear in the display:
   - **Any Key** — Pressing any key except END or answers a call.
   - **Send Only** — Only pressing SEND answers a call.
   - **Flip Open** — Opening the phone or pressing SEND answers a call.
2. Use the navigation keys to highlight the **Call Answer** option of your choice.
3. Press OK to activate the method for answering calls.

Call Waiting

If you are on a call, your phone beeps when another call is incoming. Contact U.S. Cellular for availability of this feature.

1. Press SEND to connect and ask the calling party to remain on the line.
2. Press SEND and the second caller is placed on hold and you're returned to the original caller.
3. Press SEND to alternate between calls.

Caller ID

Caller ID lets you identify who is calling you by displaying a caller's number. If the caller's name and number are stored in your Contacts list, the caller's name also appears. If you've assigned a picture to the entry, the picture appears in the display as well.

Call Block

You can prevent your number from displaying on another phone's caller ID screen by enabling **Call Block**.

1. In standby mode, enter *+, 6mno, 7pqrs.
2. Enter the number you wish to call, then press SEND.

Silence an Incoming Ring

During an incoming call, any of the following keys can be pressed to silence the ringer:

- The Up or Down volume key ( ) on the left side of the phone

Ignore an Incoming Call

Ignored calls are immediately forwarded to Voicemail.

- During an incoming call, press the **Ignore** (right) soft key ( ) or the **END** key ( ). The incoming call is forwarded to Voicemail.

In-Use Menu

You can access a number of menus and features even while in a call.

1. While in a call, press the **Options** key ( ). The following options appear in the display:
   - **Message** — Display the Messages menu.
   - **Contacts** — Display the Contacts menu.
   - **Recent Calls** — View your recent calls log.
   - **Send DTMF** — Sends your phone number as DTMF tones to the other phone on this call.

- **Voice Privacy** — When set to **Enhanced**, the phone sounds an audible beep when you loose privacy (encryption) on a CDMA connection. For this option to work correctly, you must have the Enhanced privacy option enabled in the Security settings. (This option is set to **Standard** by default.)
- **Voice Memo** — Record a voice memo. (See "My Sounds" on page 124 for more information.)

2. Do one of the following:
   - Use the navigation keys to highlight a menu or feature. Press the OK key to open the highlighted menu or to activate the highlighted feature.
   - Press the **Mute/Unmute** (left) soft key ( ) to disable/enable the microphone.
   - Press and hold the **Speaker** key ( ) to place your phone in speakerphone mode.

Auto Answer

When the Auto Answer option is activated, your phone automatically answers calls after a specified number of seconds. This option is useful when you are driving or are otherwise unable to answer the phone.

Select from three options for automatically answering calls. This option can be changed using the **Settings** menu.

To enable/disable Auto Answer, do the following:

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), 2abc (for **Call Settings**), and 2abc (for **Auto Answer**). The following options appear in the display:
   - **Off** — Calls must be answered manually. (See "Call Answer" on page 28 for more information.)
   - **After 1 Second** — Calls answered automatically 1 second after the first ring.
   - **After 3 Seconds** — Calls answered automatically 3 seconds after the first ring.
   - **After 5 Seconds** — Calls answered automatically 5 seconds after the first ring.
2. Use the navigation keys to highlight the **Auto Answer** option of your choice.
3. Press OK to activate the method for answering calls.

Calls

Your phone has Call Logs that retain information about Outgoing, Incoming, and Missed Calls. The **Calls** menu lets you access this information for future reference, to return calls, and to add new Contacts. You can also view times for your last call and the total of all calls.

Tip: To quickly view a list of your most recent calls (outgoing, incoming, and missed), briefly press the key in standby mode. The All Calls screen, listing up to 270 of your most recent calls, appears in the display.

Outgoing Calls

The last 90 outgoing calls are stored in the Outgoing calls log. Review the Outgoing calls log for the time and date of a call, as well as other information.

1. In standby mode, press the **MENU** key (OK), then press 2abc (for **Calls**) and 1@. for **Outgoing Calls**. A list of your outgoing calls appears in the display.
2. Use the navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Msgs** (left) soft key ( ) to send a message to the recipient of this call. (See "Messaging" on page 66 for more information.)
4. Press the **Options** (right) soft key ( ). The following options appear in the display:
   - **Save** — Save the call recipient's number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the recipient of this call.
   - **Erase** — Erase the selected call from your Outgoing Calls log.
   - **Lock** / **Unlock** — Blocks / permits erasure of this Outgoing Call entry.
   - **Erase All** — Erase all of the calls from your Outgoing Calls log.
   - **View Timer** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See "Call Timer" on page 34 for more information.)
5. Use the navigation keys to highlight an option.
6. Press OK to perform the highlighted option's function.

Incoming Calls

The last 90 Incoming calls are stored in your phone's Incoming call log. You can review the Incoming call log for time and date of the call, as well as other information.

1. In standby mode, press the **MENU** key (OK), then press 2abc (for **Calls**) and 2abc for **Incoming Calls**. A list of your Incoming calls appears in the display.
2. Use the navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Options** (right) soft key (•••) to display a pop-up menu containing the following options:
   - **Save** — Save the call originator's number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the originator of this call.
   - **Erase** — Erase the selected call from your Incoming Calls log.
   - **Lock** / **Unlock** — Blocks / permits erasure of this Incoming Call entry.
   - **Erase All** — Erase all of the calls from your Incoming Calls log.
   - **View Timer** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See "Call Timer" on page 34 for more information.)
4. Use the navigation keys to highlight an option.
5. Press OK to perform the highlighted option's function.

Missed Calls

The last 90 missed calls (calls not picked up) are stored in the Missed call log. Review the Missed call log for the time and date of the call, as well as other information.

1. In standby mode, press the **MENU** key (OK), then press 2abc (for **Calls**) and 3def for **Missed Calls**. A list of your missed calls appears in the display.
2. Use the navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Options** (right) soft key (•••) to display a pop-up menu that contains the following options:
   - **Save** — Save the call originator's number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the originator of this call.
   - **Erase** — Erase the selected call from your Missed Calls log.
   - **Lock** / **Unlock** — Blocks / permits erasure of this Missed Call entry.
   - **Erase All** — Erase all of the calls from your Missed Calls log.
   - **View Timer** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See "Call Timer" on page 34 for more information.)

4. Use the navigation keys to highlight an option.
5. Press OK to perform the highlighted option's function.

All Calls

The 270 most recent calls (outgoing, incoming, and missed) are stored in the All calls log. Review the All calls log for the time and date of a recent call, as well as other information.

1. In standby mode, press the **MENU** key (OK), then press 2 abc (for **Calls**) and 4 ghi for **All Calls**. A list of all recent calls to and from your phone appears in the display.
2. Use the navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Options** (right) soft key (•••) to display a pop-up menu that contains the following options:
   - **Save** — Save the call originator's/recipient's number to your Contacts.
   - **Details** — Contacts calls only — Lets you view the Contacts entry for the originator/recipient of this call.
   - **Erase** — Erase the selected call from your Calls log.
   - **Lock** / **Unlock** — Blocks / permits erasure of this Call entry.
   - **Erase All** — Erase all of the calls from your All Calls log.
   - **View Timer** — Call Timer screen appears in the display listing the number and types of calls and their total durations. (See "Call Timer" on page 34 for more information.)
4. Use the navigation keys to highlight an option.
5. Press OK to perform the highlighted option's function.

Data Call

Your phone retains information about the last 10 data calls and stores them in the Data call log. You can review the Data call log for the time and date of the call, as well as other information.

1. In standby mode, press the **MENU** key (OK), then press 2 abc (for **Calls**) and 5 jkl for **Data Call**. A list of your missed calls appears in the display.
2. Use the navigation keys to highlight a call, then press OK to view further information about the call.
3. Press the **Options** (right) soft key (•••). A pop-up menu containing the following options appears in the display:
   - **Save** — Save the number to your Contacts.
   - **Details** — Calls from Contacts Only — Shows the entry for the calling/called Contact.

- **Erase** — Erase the selected call from your Data call log.
- **Lock** / **Unlock** — Blocks / permits erasure of this Call entry.
- **Erase All** — Erase all calls from your Data call log.
- **Data Counter** — Shows the amount of data Transmitted and Received during this call, the Total amount of data exchanged during this call, and the total amount of data exchanged since the phone was activated.

4. Use the navigation keys to highlight an option.
5. Press the OK key to perform the highlighted option's function.

Call Timer

View the duration of your last call, total calls, and calls made during the life of your phone using the Call timer feature. Call timer is not for billing purposes.

1. In standby mode, press the **MENU** key (OK), then press 2abc (for **Calls**) and 6mno for **Call Timer**. The following call timers appear in the display:
   - **Last Call** — Shows the duration of your last call.
   - **Outgoing Calls** — Shows the number and total duration of all calls originated by your phone since the last reset.
   - **Incoming Calls** — Shows the number and total duration of all calls made to your phone since the last reset.
   - **Roaming Calls** — Shows the number and total duration of all calls originated by and made to your phone while roaming and since the last reset.
   - **All Calls** — Shows the number and total duration of all calls originated by and made to your phone since the last erasure.
   - **Last Reset** — Shows date and time all call timers were last reset (that is, the last time **Reset All** was pressed).
   - **Lifetime Calls** — Shows the duration of all calls on your phone since activation (Lifetime timers cannot be reset).
2. To reset a timer other than Lifetime Calls, use the navigation keys to highlight the timer you want to reset and press the **Reset** (left) soft key (•••).
3. To reset all timers except Lifetime Calls, press the **Reset All** (right) soft key (•••).
4. Press OK to exit the **Call Timer** screen.

Note: Although other call timers can be reset, only the Lifetime Calls timer can never be reset.

Data Counter

Use Data Counter to view the amount of data that has been sent or received (or a total of both) using the data services that your phone supports. The Data Counter can

be a helpful tool for monitoring data usage, especially if your service agreement has specified limits.

1. In standby mode, press the **MENU** key (OK), then press 2 abc (for **Calls**) and 7 pqrs **for Data Counter.** The following data counters appear in the display:
   - **Transmit** — Shows the amount of data (in kilobytes) that your phone has transmitted since last being reset.
   - **Received** — Shows the amount of data (in kilobytes) that your phone has received since last being reset.
   - **Total** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since last being reset.
   - **Last Reset** — Shows date and time all data counters were last reset.
   - **Lifetime Data Counter** — Shows the amount of data (in kilobytes) that your phone has transmitted and received since being activated.
2. To reset a timer other than Lifetime Data Counter, use the navigation keys to highlight the timer you want to reset and press the **Reset** (left) soft key (•••).
3. To reset all timers except Lifetime Data Counter, press the **Reset All** (right) soft key (•••).
4. Press OK to exit the **Data Counter** screen.

Note: Although other data counters can be reset, only the Lifetime Data Counter can never be reset.

Store Numbers from Call Logs

Store numbers from your **Outgoing**, **Incoming**, and **Missed** call logs to Contacts.

Tip: In standby mode, briefly press Recent to display the Recent Calls list. You can then select any call in the list to save to Contacts.

---

1. In standby mode, press the **MENU** key (OK), then press 2 abc (for **Calls**).
2. Press the corresponding number on the keypad to view call logs for the following call types.
   - 1 for **Outgoing Calls**
   - 2 abc for **Incoming Calls**
   - 3 def for **Missed Calls**
   - 4 ghi for **All Calls**
3. Use the navigation keys to highlight the number you wish to store in Contacts and press OK.

4. Press the **Options** (right) soft key ( ), then use the navigation keys to highlight **Save**.
5. Choose to **Create New** Contacts entry or **Update Existing** Contacts entry.
6. Follow the prompts to store the number to Contacts.

Erase Calls

You can erase some or all calls from any or all Calls logs.

Erase Individual Calls

1. In standby mode, press the **MENU** key ( ), then press 2 abc (for **Calls**).
2. Press the corresponding number on the keypad to view call logs for the following call types.
   - 1 for **Outgoing Calls**
   - 2 abc for **Incoming Calls**
   - 3 def for **Missed Calls**
   - 4 ghi for **All Calls**
3. Use the navigation keys to highlight the call you wish to erase.
4. Press the **Options** (right) soft key ( ), then use the navigation keys to highlight **Erase**.
5. Press the OK key. You are prompted to confirm that you want to "**Erase entry?**"

   Press the **No** (right) soft key ( ) to preserve the selected call. Press the **Yes** (left) soft key ( ) to erase the selected call.

Note: If the selected call is locked, "Entry is locked" appears in the display. To erase the call, you must first Unlock it.

Erase All Calls

1. In standby mode, press the **MENU** key ( ), then press 2 abc (for **Calls**).
2. Press the corresponding number on the keypad to view call logs for the following call types.
   - 1 for **Outgoing Calls**
   - 2 abc for **Incoming Calls**
   - 3 def for **Missed Calls**
   - 4 ghi for **All Calls**
3. Press the **Options** (right) soft key ( ), then use the navigation keys to highlight **Erase All**.
4. Press the OK key. You are prompted to confirm that you want to "**Erase all entries?**"

Press the **No** (right) soft key ( ) to preserve all unlocked calls. Press the **Yes** (left) soft key ( ) to erase all unlocked calls.

Section 4: Menu Navigation

Topics Covered

- Menu Navigation
- Menu Shortcuts
- Navigation Key Shortcuts
- Navigate Using a Shortcut
- Menu Outline

This section explains the menu navigation for your phone. It also includes an outline of all the available menus associated with your phone.

Menu Navigation

Access the menus and sub menus in your phone using the navigation key ( ) and soft keys ( ), or use a shortcut.

1. In standby mode press the **MENU** key ( ). The first of several menus appears in the display.

Note: More than one menu may appear in your display. This setting can be modified in the **Display/Menu Style** menu.

Tip: You can launch any of the Main Menus by using a voice command — In standby mode, press and hold 0+ until the phone prompts, "Say a command." Say "Go to" followed by a Main Menu name into the microphone. For example, Say "Go to easyedge" to access the easyedge℠ menu.

2. Use the navigation key to browse through the menus.
3. Press to enter the menu or sub menu that appears in the display.
4. Press the right soft key ( ) **Back** to return to the previous menu.

Return to the Previous Menu

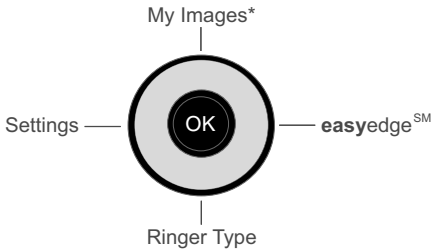
- Press the right soft key ( ) **Back** to return to a previous menu.
- When **Back** does not appear in the display, press CLR to return to the previous menu.

Menu Shortcuts

Use shortcuts to quickly access menus and sub menus. Press the **MENU** key ( ), then press the number to the left of the menu to jump to the desired menu, sub menu, or feature. For example, to jump to the **Outbox** sub menu, press the **MENU** key ( ), then press 3def (for **Messages**) and 3def for **Outbox**.

Navigation Key Shortcuts

In standby mode, press a navigation key to launch the key's corresponding application.



Navigate Using a Shortcut

You can also access menus and sub menus using menu numbers. Enter the menu number after pressing the **MENU** key (OK) to go directly to the menu or sub menu of your choice. Before you can navigate using a shortcut, you'll need the menu or sub-menu number that you wish to access.

Tip: Use the list of menus and sub menus, which begins on page 40, to navigate using shortcuts.

1. In standby mode, press the **MENU** key (OK).
2. Press the number of the menu, sub menu, and so on for the feature that you wish to access.

Example: Press the **MENU** key (OK), then press 8tuv, 3def. This takes you to the **Tools** (Menu 8), and then to the **Calendar** (sub menu 3).

Menu Outline

1 Contacts

- 1.1 Find
- 1.2 Add New Entry
- 1.3 Speed Dial
- 1.4 Group
  - *1.4.1 No Group*
  - *1.4.2 Business*
  - *1.4.3 Colleague*

1.4.4 Family
1.4.5 Friends
1.5 Memory Info

2 Calls
2.1 Outgoing Calls
2.2 Incoming Calls
2.3 Missed Calls
2.4 All Calls
2.5 Data Call
2.6 Call Timer
2.7 Data Counter

3 Messages
3.1 Send Message
3.1.1 Text Message
3.1.2 Picture Message
3.1.3 Video Message
3.2 Inbox
3.3 Outbox
3.4 Drafts
3.5 Voicemail
3.6 Erase Messages
3.6.1 Inbox
3.6.2 Outbox
3.6.3 Drafts
3.6.4 All Messages
3.7 Msg Settings
3.7.1 General
3.7.1.1 Auto Save
3.7.1.2 Auto Erase
3.7.1.3 Quick Text
3.7.1.4 Voicemail #
3.7.1.5 Entry Mode
3.7.1.6 Callback #
3.7.1.7 Signature

3.7.1.8 Reminder
3.7.2 Text Message
3.7.2.1 Auto View
3.7.2.2 Signature
3.7.2.3 Auto Scroll
3.7.3 Picture/Video Message
3.7.3.1 Auto Receive
3.7.3.2 Signature

4 easyedge[SM]
4.1 **easy**edge[SM]

5 Display
5.1 Menu Style
5.2 Wallpaper
5.2.1 Main Display
5.2.1.1 My Images
5.2.1.2 My Videos
5.2.1.3 Preset Images
5.2.2 Front Display
5.2.2.1 My Images
5.2.2.2 Preset Images
5.3 Clock Format
5.3.1 Main Clock
5.3.2 Front Clock
5.4 Theme
5.5 Dialing Font
5.5.1 Style
5.5.2 Size
5.6 Banner
5.7 Backlight
5.7.1 Main Display
5.7.2 Keypad
5.7.3 Brightness
5.8 Front Contrast

6 Sounds

- 6.1 Volume
  - *6.1.1 Voice Calls*
  - *6.1.2 Messages*
  - *6.1.3 Alarms*
- 6.2 Ringer Type
  - *6.2.1 Voice Calls*
    - **6.2.1.1 My Ringtones**
    - **6.2.1.2 My Sounds**
  - *6.2.2 Messages*
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Section 5: Entering Text

Topics Covered

- Changing the Text Entry Mode
- Using T9® Mode
- Using Abc Mode
- Entering Symbols
- Entering Numbers

This section outlines how to select the desired text input mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes you must make when entering text.

Changing the Text Entry Mode

Text messages can be made up of alphabetical characters, numbers, and symbols. You can use the following text entry modes to simplify text entry:

- **T9 Word** — Press each key only once to enter the letter of the word that you're spelling. (T9 Word mode offers the same letter options as Abc mode. Press the * key to change letter options.)
- **Abc** — Enter letters, numbers, and symbols by repeatedly pressing each key until the desired character (as shown on the key) appears in the display. Abc mode letter options are:
  - **Abc** — Enter initial capital letters
  - **ABC** — Enter all upper case letters
  - **abc** — Enter all lower case letters

  Press the * key to change letter options.
- **123** — Enter numbers by pressing the corresponding key on the keypad.
- **Symbols** — Enter symbols into your message by pressing the number above the symbol in the **Symbol** pop-up window.

The current text entry mode (**Abc**, **123**, or **T9 Word**) is indicated in the lower part of a text entry screen. To change the text entry mode, do either of the following:

- Press and hold the * key. The left soft key label changes to indicate changes in text entry mode. Press and hold the * key repeatedly until the desired text entry mode appears in the display.
- While composing a text message, press the **Abc** (left) soft key ( ). The following options appear in the display:
  - **T9 Word**
  - **Abc**
  - **ABC**
  - **123**
  - **Symbols**

  Use the navigation keys to highlight the desired text entry mode, then press the OK key.

Using T9® Mode

T9 Word recognizes commonly used words for the numeric sequence of key presses and inserts the word into your message. T9 Word is much faster than the traditional method of text entry (Abc) and *requires only one key press per letter* of the word that you're spelling.

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 (for **Send Message**) and 1 for **Text Message**.

2. Enter the phone number of the recipient, then press OK. The **Create Txt Msg** screen appears in the display.
3. Repeatedly press and hold the * key until the left soft key lable changes to **T9 Word**.
   - For practice, enter the word "Samsung" by pressing each of the following keys only once:

S A M S U N G

T9 Word recognizes that the most commonly used word for the numeric sequence you just entered is "Samsung". If more than one word shares the same numeric sequence, T9 Word provides the most commonly used word. Press 0 to display other words, if available.

Using Abc Mode

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 (for **Send Message**) and 1 for **Text Message**.
2. Enter the phone number of the recipient, then press OK. The **Create Txt Msg** screen appears in the display.
3. If needed, repeatedly press and hold the * key until the left soft key label changes to **Abc**.
   - Enter characters while in Abc mode by pressing the key labeled with the desired characters (such as 4 for "h").
   - Press the key repeatedly until the desired character appears in the display.
   - Pause briefly and the displayed character is accepted and inserted into your message.
   - Press # to enter a space.

Entering Symbols

Symbol mode enables you to enter symbols such as "@" or "%" into a text message.

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 (for **Send Message**) and 1 for **Text Message**.
2. Enter the phone number of the recipient, then press OK. The **Create Txt Msg** screen appears in the display.

3. Press the **Abc** (left) soft key ( ). The following options appear in the display:
   - **T9 Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**
4. The current text input mode is highlighted. Use the navigation keys to highlight **Symbols**, then press OK. The first of four symbol screens appears in the display.
5. Use the Left and Right soft keys to page through the other symbols, if desired.
6. Press the key that corresponds with the symbol that you wish to enter. For example, press 4 ghi for an exclamation point (!).
7. Repeat steps 3 through 6 to insert as many symbols into your message as desired.

Entering Numbers

Enter numbers into a text message while in **123** mode.

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 (for **Send Message**) and 1 for **Text Message**.
2. Enter the phone number of the recipient, then press OK. The **Create Txt Msg** screen appears in the display.
3. Repeatedly press and hold the * key until the left soft key label changes to **123**.
4. Press the key containing the corresponding number that you wish to insert into your message.

Section 6: Understanding Your Contacts

Topics Covered

- Contacts
- Finding a Contacts Entry
- Adding a New Contacts Entry
- Editing a Contacts Entry
- Saving a Number After a Call
- Speed Dial
- Contacts Groups
- Deleting a Contacts Entry
- Memory Info

This section details how you can manage your daily contacts by storing their names and numbers in your Contacts list. You can have your Contacts entries sorted by name, entry, or group.

Contacts

Up to 500 entries can be stored in Contacts. Each entry can have up to five associated phone numbers and an e-mail address. Each phone number can be up to 32 digits in length, including **Wait/2-Sec** pauses (see *"Manual Pause Calling"* on page 24 for more information), and associated names can be up to 32 characters in length. You can assign the Speed Call numbers of your choice for each entry. You can also mark your Contacts list as Restricted to prevent unauthorized viewing. (See *"Restriction"* on page 151 for more information).

Tip: Speed Call **One-Touch Dialing**, **Two-Touch Dialing**, and **Three-Touch Dialing** allow you to call numbers stored in Contacts faster.

Open Contacts

1. In standby mode, press the **MENU** key (OK), then press 1 for **Contacts**. The following options appear in the display:
   - **Find** — Find a Contact by name.

Tip: You can also access the Find option from standby mode, by pressing the Contacts (right) soft key (...).

   - **Add New Entry** — Add a number or e-mail address to your Contacts.
   - **Speed Dial** — Assign a Contacts entry to a Speed Dial number. (See *"Speed Dial"* on page 60 for more information.)
   - **Group** — Review, send messages to, add Contacts to, or rename one of your groups. (See *"Contacts Groups"* on page 62 for more information.)
   - **Memory Info** — Display used and available memory for Contacts entries.

Tip: To launch the Contacts menu using a voice command — In standby mode, press and hold 0 until the phone prompts, "Say a command." Say "**Go to Contacts**" into the microphone.

2. Use the navigation keys to highlight the option of your choice, and press the OK key.

Tip: You can also press the keypad number key that corresponds to the menu option number.

Finding a Contacts Entry

Voice Method

Use the VoiceSignal **Contacts** command to view contact information for any named contact stored in your Contacts list by saying the name.

Note: The **Contacts** command shows the requested contact information in the display but does not dial any phone numbers for the contact.

To look up information for a specific contact:

1. In standby mode, press and hold the Once key to launch **VoiceSignal**.

   "**Say a Command**" appears in the display and is pronounced through the speaker.

2. Say "**Lookup**".

   VoiceSignal prompts you to "**Say the name.**"

3. Speak clearly and say the full name of the person you want to call, exactly as it is entered in your contact list.
   - If VoiceSignal recognizes the name you said, the contact information for that name appears in the display.
   - If VoiceSignal does not recognize the name you said, a choice list of up to three names appears in the display, and VoiceSignal prompts you with "**Did you say lookup?**" followed by the first name on the list.
4. Say "**Yes**" to confirm the name or "**No**" to hear the next name, or use the keypad to select the correct name from the list. (See 'Choice Lists" on page 129, for more information.)
   - To say the name again, press the **Help** (right) soft (•••) key.
   - To exit VoiceSignal without dialing, press the **Settings** (left) soft (•••) key and press the **Cancel** (right) soft (•••).
5. The contact information for the name you selected appears in the display.
   - Press Send to dial the number associated with the name.
   - Press the **Erase** (left) soft key (•••) to erase this entry from your Contacts list.
   - Press the **EDIT** key (OK) to add or change information for this entry.
   - Press the **Options** (right) soft key (•••) and the following options popup in the display:
     - **Send Text Msg**
     - **Send PIC Msg**
     - **Send Video Msg**
     - **Call**

Soft Key Method

If you've stored a name entry in Contacts, **Find** allows you to find it quickly.

1. In standby mode, press the **Contacts** (right) soft key ( ).

   The **Find** screen appears in the display with the **Go To** field highlighted, followed by the first few names in your Contacts list.

Tip: You can also access the **Find** screen from standby mode by pressing the **MENU** key ( ), then pressing 7pqrs (for **Contacts**) and 1 for **Find**.

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2. Enter a name *as entered in Contacts*. For example, if you saved the name as "Amy Smith", begin the search by pressing 2abc (for "**A**").

   As you enter letters, the names of the closest matches appear in the display.

3. When the desired entry appears in the display, use the navigation keys to highlight the entry (if necessary).
   - Press SEND to dial the number associated with the name.
   - Press the **Edit** (left) soft key ( ) to add or change information for this entry.
   - Press the OK key to view information about the entry.
   - Press the **Options** (right) soft key ( ) and the following options popup in the display:
     - **New Contact** — Add a new entry to Contacts.
     - **Erase** — Erase the name and associated information.
     - **Send Text Msg** — Create and send a text message to the selected Contact.
     - **Send PIC Msg** — Create and send a picture message to the selected Contact.
     - **Send Video Msg** — Create and send a video message to the selected Contact.
     - **Call** — Dial the number associated with the name.

     Use the navigation keys to highlight an option, then press the OK key. The highlighted option's sub menu appears in the display.

Adding a New Contacts Entry

You can use either of two methods to add an entirely new entry to Contacts.

Dial Method

1. Using the keypad, enter the number you wish to add to your Contacts.
2. Press the **Save** (left) soft key ( ). The following options appear in the display:
   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number you entered to an existing Contacts entry.

3. Use the navigation keys to select **Create New** and press the OK key. The Select Type screen appears in the display showing the following icons:

Mobile

Home

Work

Pager

Fax

4. Use the navigation keys to highlight the type that matches your new entry, then press the OK key.
5. Use the keypad to enter a name to associate with the Contacts entry.
6. Press the OK key to save the entry.

Menu Method

1. In standby mode, press the **MENU** key (OK), press 1 (for **Contacts**) and 2 abc for **Add New Entry**.

   The **Add New Entry** screen appears in the display with the **Name** field highlighted.
2. Enter the name of the new entry. (See *"Entering Text"* on page 47 for more information.)
3. Use the **Up** and **Down** navigation keys to highlight one of the following fields:
   - **Mobile**
   - **Home**
   - **Work**
   - **E-Mail**
   - **Pager**
   - **Fax**
4. Enter a phone number in the highlighted field.
5. Repeat steps 3 and 4 as needed.
6. Press the OK key to save the new entry.

Editing a Contacts Entry

Editing Contacts Name and Numbers

1. Find the Contacts entry you wish to change. See *"Finding a Contacts Entry"* on page 53 for more information.
2. Use the navigation keys to highlight the entry and press the OK key.
3. Use the navigation keys to review the information for the entry that you wish to change, then press the **EDIT** key (OK).
4. Use the navigation keys to highlight the particular information you want to add or change.
   - Press CLR to backspace and delete numbers or letters.
   - Press and hold CLR to clear all numbers or letters in the highlighted field.
   - Press the **Options** (right) soft key ( ). The following options popup in the display:
     - **Set Speed Dial** — Assign a speed dial number (see *"Speed Dial"* on page 60 for more information).
     - **Set As Default** — Set the number the phone will dial when Contracts dialing, speed dialing, or voice dialing.
     - **Wait** — A hard pause (waits for input from you).
     - **2-Sec Pause** — A 2-second pause after which dialing resumes (see *"Add Pauses to Contacts Numbers"* on page 56 for more information).

   Use the navigation keys to highlight the desired option, then press the OK key.
5. When you're finished changing the contents of a field, press the OK key. Your changes are saved and a confirmation message appears in the display.

Add Pauses to Contacts Numbers

Calls to automated systems such as banking services often require a password or account number. Instead of manually entering these numbers, you can store them in a Contacts entry with the phone number and with special characters called pauses, up to a maximum of 32 digits.

- **Wait** — Stops the calling sequence until the phone receives further input.
- **2-Sec Pause** — Stops the calling sequence for two seconds, then sends the remaining digits.

Tip: You can enter multiple 2-Sec Pauses to extend the length of a pause. For example, two consecutive 2-Sec Pauses cause a total pause time of four seconds. Keep in mind that pauses count as digits towards the 32-digit maximum.

To add pauses to a Contacts entry number, do the following:

1. Find the Contacts entry associated with the number you want to include one or more pauses. See *"Finding a Contacts Entry"* on page 53 for more information.
2. Select and edit the desired number. See *"Editing a Contacts Entry"* on page 56 for more information.
3. Press the **Options** (right) soft key ( ). The following pause options appear in the display:
   - **2-Sec Pause**— A 2-second pause after which dialing resumes.
   - **Wait**— A hard pause (waits for input from you).
4. Use the navigation keys to highlight the pause option of your choice.
5. Press the OK key to enter the highlighted pause into the number sequence.
6. When you're finished entering information, press the OK key to store the number to Contacts.

Pause Dial from Contacts

1. If you stored the number using (two-second) 2-Sec Pause(s), simply recall the number from Contacts.
2. If you stored the number using (hard) 2-Sec Pause, recall the number from Contacts and wait for the appropriate prompt from the dialed number.
3. Press SEND to dial the number.

Edit an Existing E-mail Address

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 53 for more information.
2. Use the navigation keys to highlight the desired Contacts entry, then press the **Edit** (left) soft key ( ).

   The **Edit Contact** screen appears in the display.
3. Use the navigation keys to highlight the **E-Mail** field.
4. Use the keypad to edit the e-mail address. See *"Entering Text"* on page 47 for more information.
5. Press the OK key to save your changes.

Assigning a Picture to a Contacts Entry

When you assign a picture to a Contacts entry, the picture that you assigned to the entry appears in the display when you receive a call from that Contact.

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 53 for more information.
2. Use the navigation keys to highlight the desired Contact, then press the **Edit** (left) soft key.

   The **Edit Contract** screen appears in the display.
3. Use the navigation keys to highlight the **Picture ID** field (at the top of the **Edit Contact** screen), then press the **Set** (left) soft key ( ).

   The My Images gallery appears in the display, showing a series of thumbnail photos. (See *"My Images"* on page 121 for more information.)
4. Use the navigation keys to highlight the picture that you wish to assign to the Contacts entry.

   If you cannot find the appropriate picture, press the **Camera** (right) soft key ( ) to launch the camera to take a picture to use as a Photo ID. (See *"Taking Pictures and Videos"* on page 91 for more information.)
5. Press the OK key. The Contacts entry screen appears in the display with a thumbnail view of the selected image in the Picture ID field.
6. Press the OK key to save the picture assignment to the selected Contacts entry.

Assigning a Ringtone to a Contacts Entry

When you assign a ringtone to a Contacts entry, the phone plays the ringtone that you assigned to the entry when you receive a call from that Contact instead of the ringtone currently assigned to Voice Calls.

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 53 for more information.
2. Use the navigation keys to highlight the desired Contact, then press the **Edit** (left) soft key.

   The **Edit Contract** screen appears in the display.
3. Use the navigation keys to highlight the **Ringtone** field, then press the **Set** (left) soft key ( ). The **Contact Tone** menu showing the following options appears in the display:
   - **My Ringtones**
   - **My Sounds**
4. Use the **Up** and **Down** navigation keys to highlight the desired option, then press the OK key.

   The My Ringtones or My Sounds file list appears in the display.

5. Use the navigation keys to highlight the ringtone or sound that you wish to assign to the Contacts entry.
6. Press the OK key. The Contacts entry screen appears in the display with the name of the selected file in the **Ringtone** field.
7. Press the OK key to save the ringer assignment to the selected Contacts entry.

Saving a Number After a Call

Once you finish a call, you can store the caller's number to your Contacts list.

Note: If the call was incoming and Caller ID information was unavailable, then the **Save** option is also unavailable.

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1. Press END to end your call. The call time, length of call, phone number, and name of the party (if available) appear in the display.
2. Press the **Save** (right) soft key ( ). The following options appear in the display:
   - **Create New** — Lets you create a new Contacts entry.
   - **Update Existing** — Lets you add the number you entered to an existing Contacts entry.
3. Follow the instructions in the upcoming sections depending on whether the number is a new entry or you wish to add it to an existing entry.

Create a New Entry

1. Use the navigation keys to highlight **Create New** and press the OK key. The **Create New** screen appears in the display showing the following number type options:

Mobile

Home

Work

Pager

Fax

2. Use the navigation keys to highlight the number type that matches your new entry, then press the OK key.

3. Enter a name for the new entry (see *"Entering Text"* on page 47 for more information).
4. Press the OK key. The new entry is saved to your Contacts list.

Add to an Existing Entry

1. Use the navigation keys to highlight **Update Existing** and press the OK key. The **Update Existing** screen appears in the display showing your Contacts list with the **Go To** field and the first Contacts entry highlighted.
2. Find the Contacts entry to which you want to add the new number. See *"Finding a Contacts Entry"* on page 53 for more information.
3. Press the OK key. The following number type options appear in the display:

Mobile

Home

Work

Pager

Fax

4. Use the navigation keys to highlight the desired number type, then press the OK key. The Contacts entry information appears in the display with the new number posted in the appropriate number type field.
5. Press the OK key again to save your changes to the existing entry.

Speed Dial

A Contacts entry's Speed Dial number corresponds to the number keys you press to speed dial one of that entry's numbers. For example:

- To speed dial the Contacts entry assigned to Location 5, press and hold the 5 jkl key, (1-touch dialing).
- To speed dial the Contacts entry assigned to Location 35, press 3 def then press and hold the 5 jkl key, (2-touch dialing).
- To speed dial the Contacts entry assigned to Location 235, press 2 abc, press 3 def, then press and hold the 5 jkl key (3-touch dialing).

You can assign one or more Speed Dial numbers to a Contacts entry during new entry creation or by editing an existing entry.

Assignment During Entry Creation

To assign a Speed Call number to a new Contacts entry number, do the following:

1. Follow either of the New Contacts entry procedures (see *"Adding a New Contacts Entry"* on page 54) until you enter a name for the entry.
2. After entering the Contacts entry name, **do not press** the OK key. Instead, use the navigation keys to highlight the number field.
3. Press the **Options** (right) soft key ( ). The following options appear in the display:
   - **Set Speed Dial** — Assign a speed dial number.
   - **Set As Default** — Set the number the phone will dial when Contacts dialing.
   - **Wait** — A hard pause (waits for input from you).
   - **2-Sec Pause** — A 2-second pause after which dialing resumes (see *"Add Pauses to Contacts Numbers"* on page 56 for more information).

   Use the navigation keys to highlight **Set Speed Dial**, then press the OK key. The **Speed Dial** screen appears in the display.
4. Use the navigation keys to highlight an **Unassigned** Speed Dial number or enter an Unassigned Speed Dial number in the **Go To** field using the keypad.

Important!: Do not enter Speed Call numbers 001, 211, 311, 411, 611, or 911. These numbers are already assigned to Voicemail (001), to special network features (211, 311, 411, and 611), and to emergency use (911).

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5. Press the **SET** key (OK). You are prompted to confirm your Speed Dial number assignment.
6. Press the **Yes** (left) soft key ( ) to save your Speed Dial assignment and return to the **Add New Entry** screen.

Note: Press the **No** (right) soft key ( ) to discard the assignment and return to the **Speed Dial** screen.

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7. Press the OK key to save your changes.

Changing a Speed Dial Location

1. Find the Contacts entry you want to edit. See *"Finding a Contacts Entry"* on page 53 for more information.
2. Use the **Up** and **Down** navigation keys to highlight the desired entry.
3. Press the **Edit** (left) soft key ( ).
4. Use the **Up** and **Down** navigation keys to highlight the number field marked by the Speed Dial icon ( ).

5. Press the **Options** (right) soft key ( ). The following options appear in the display:
   - **Remove speed dial** — Unassign the current speed dial number.
   - **Set As Default** — Set the number the phone will dial when Contacts dialing.
   - **Wait** — A hard pause (waits for input from you).
   - **2-Sec Pause** — A 2-second pause after which dialing resumes (see *"Add Pauses to Contacts Numbers"* on page 56 for more information).

   Use the navigation keys to highlight **Remove speed dial**, then press the key. You are prompted to confirm the Speed Dial removal.
6. Press the **Yes** (left) soft key ( ) to remove the Speed Dial assignment. "**Speed Dial Removed**" pops up in the display, and you are returned to the **Edit Contact** screen.
7. Do steps 4 through 7 of the "Assignment During Entry Creation" procedure on page 61.

Contacts Groups

Contact Groups let you easily send messages to mutiple, selected Contacts. You can also use Groups to find Contact entries and to add/remove Contacts names in a Group or to create or rename a Group.

Add Contacts Entry to a Group

Using Create/Edit Contact Option

To add a Contact to a Group using either the Create Contact option or the Edit Contact option, do the following:

1. Create a Contacts entry (see *"Adding a New Contacts Entry"* on page 54 for more information) or find a Contacts entry (see *"Finding a Contacts Entry"* on page 53 for more information) that you want to add to a Group.
2. Use the **Up** and **Down** navigation keys to highlight the **Group** field, the press the **Set** (left) soft key ( ).

   The Select Group screen appears in the display showing Groups similar to the following:
   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**
3. Use the **Up** and **Down** navigation keys to highlight the Group to which you want to assign the selected Contact, then press the key.

You are returned to the **Create/Edit Contact** screen and the selected Group name populates the **Group** field.

4. Press the OK key to save your changes.

Using Group Add Option

The Add option lets you add one or more existing Contacts to a Group.

1. In standby mode, press the **MENU** key (OK), then press 1 (for **Contacts**) and 4 ghi for **Group**.

   The **Group List** screen appears in the display showing Groups similar to the following:

   - **No Group**
   - **Business**
   - **Colleague**
   - **Family**
   - **Friends**

2. Use the **Up** and **Down** navigation keys to highlight a Group, then press the **Options** (right) soft key ( ). The following options popup in the display:

   - **Send Text Msg**
   - **Send PIC Msg**
   - **Send Video Msg**
   - **Rename**
   - **Erase**
   - **Add**

3. Use the **Up** and **Down** navigation keys to highlight **Add**, then press the OK key.

   The **Add Contacts** screen appears in the display showing a list of Contacts entries.

4. Do one of the following:

   - Press the **Mark All** (right) soft key ( ).
   - Use the navigation keys to highlight an entry you want to add to the group, then press the **MARK** key (OK). A checkmark appears in the entry's checkbox.

   Repeat as needed to check all the desired Contacts.

Note: To unmark a marked Contact, highlight the Contact and press the **MARK** key (OK) to clear the checkmark.

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5. When you have marked the Contacts you want to add to the group, press the **Done** (left) soft key ( ). "**Contact added to group**" appears in the display, followed by the selected Group list including the added Contacts.

Rename a Group

The Rename option lets you change the name any of the Groups, except **No Group**.

1. In standby mode, press the **MENU** key ( ), then press 1 (for **Contacts**) and 4 ghi for **Group**.
2. Use the navigation keys to highlight the Group name that you wish to change, then press the **Options** (right) soft key ( ). The following options popup in the display:
   - **Send Text Msg**
   - **Send PIC Msg**
   - **Send Video Msg**
   - **Rename**
   - **Erase**
   - **Add**
3. Use the **Up** and **Down** navigation keys to highlight **Rename**, then press the key.

   The **RENAME GROUP** screen appears in the display.
4. Enter changes to the group name using the keypad. (See *"Entering Text"* on page 47 for more information.)
5. When you have completed your changes to the Group name, press the **SAVE** key ( ).

   "**Group Renamed**" appears in the display followed by the Group List screen showing your renamed Group.

Erase a Group

The **Erase** option lets you delete a Group, thus freeing you to reassign the Contacts formerly in the Group.

1. In standby mode, press the **MENU** key ( ), then press 1 (for **Contacts**) and 4 ghi for **Group**.
2. Use the navigation keys to highlight the Group name that you wish to delete, then press the **Options** (right) soft key ( ). The following options popup in the display:
   - **Send Text Msg**
   - **Send PIC Msg**
   - **Send Video Msg**

- **Rename**
- **Erase**
- **Add**

3. Use the **Up** and **Down** navigation keys to highlight **Erase**, then press the OK key.

   The phone prompts you to confirm the Group name erasure.

4. Press the **Yes** (left) soft key ( ) to confirm erasure of the Group name. Press the **No** (right) soft key ( ) to retain the Group name.

Deleting a Contacts Entry

1. Find the Contacts entry you want to delete. (See *"Finding a Contacts Entry"* on page 53 for more information.)
2. Use the navigation keys to highlight the desired entry.
3. Press the **Options** (right) soft key . The following options appear in the display:
   - **New Contact**
   - **Erase**
   - **Send Text Msg**
   - **Send PIC Msg**
   - **Send Video Msg**
   - **Call**
4. Use the navigation keys to highlight **Erase**, the press the OK key. The phone prompts you to confirm the erasure.
5. Press the **Yes** (left) soft key ( ) to confirm erasure of the selected Contact. Press the **No** (right) soft key ( ) to retain the Contact.

Memory Info

The **Memory Info** menu option lets you view the amount of memory you have used to store Contacts entries, as well as the memory remaining to store more Contacts entries.

▶ In standby mode, press the **MENU** key (OK), then press 1 (for **Contacts**) and 5 jkl for **Memory Info**.

The **Memory Info Contacts** screen appears in the display showing the amount of memory Used and remaining (Free) for Contacts entries.

Section 7: Messaging

Topics Covered

- Types of Messages
- Create and Send Text Messages
- Send Picture Messages in Camera Mode
- Send Picture Messages in Standby Mode
- Send Video Messages in Camcorder Mode
- Send Video Messages in Standby Mode
- Receive Messages
- Message Folders
- Erase Messages
- Message Settings

This section explains how to send or receive different types of messages. This section also describes the features and functionality associated with messaging.

Tip: To launch the **Messages** menu using a voice command — In standby mode, press and hold Ome until the phone prompts, "**Say a command**." Say "**Go to Messages**" into the microphone.

Types of Messages

Your phone is able to send and receive Text and Picture messages to compatible phones and devices. Text messages can be up to 160 characters in length. Picture message text can be up to 1,000 characters in length.

To access the types of messages, do the following:

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 for **Send Message**. The **Send Message** screen appears in the display showing the following options:
   - **Text Message** — Create and send simple text messages to compatible phones.
   - **Picture Message** — Create and send multimedia messages containing text, pictures, and/or sounds.
   - **Video Message** — Create and send multimedia messages containing text and video clips.

Create and Send Text Messages

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 (for **Send Message**) and 1 for **Text Message**. The **Create Txt Msg** screen appears in the display.
2. Enter one or more recipient phone numbers, then press the OK key.
3. Enter the text content of your message using the keypad. (See *"Entering Text"* on page 47 for more information.)
4. At any point while composing a message, press the Left soft key ( ) to change the text entry mode. The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**

   Use the **Up** and **Down** navigation keys to highlight the desired text input mode, then press the OK key.

Tip: You can also change the text entry mode by pressing and holding the * key. You can change the capitalization mode by momentarily pressing the * key.

5. At any point while composing a text message, press the **Options** (right) soft key ( ). The following message composition and sending options appear in the display:
   - **Edit Send To** — Edit the recipient's Send To number.

- **Add Quick Text** — Insert precomposed text in the message.
- **Save As Draft** — Save the message to your Draft folder.
- **Priority Level** — Indicate whether the message is **High** or **Normal** priority.
- **Validity Period** — Set a specific date and time, before which the message can be delivered, after which the message is recalled.
- **Deferred Delivery** — Defer delivery of the message to some particular time.
- **Delivery Ack** — Enable (**On**)/disable (**Off**) confirmation of message delivery.
- **Add To Contacts** — Add the recipient number(s) to your Contacts.

Use the **Up** and **Down** navigation keys to highlight the desired option, then press the OK key.

6. When you're finished composing your message, press the OK key to send it.

Send Picture Messages in Camera Mode

Picture messages can be sent to recipients with compatible phones or devices. You can even accompany a Picture message with a voice memo or preloaded sound.

1. In standby mode, press the Camera key (— on the right side of the phone). The camera activates.
2. Using the display as a viewfinder, press the OK key when the image that you wish to send appears in the display. The soft key labels change to the following:
   - **Save** — Left soft key ( )
   - **Send** — OK key
   - **Erase** — Right soft key ( )

Note: For more information about using the camera feature in your phone, see *"Camera-Camcorder"* on page 90.

3. Press the OK key. The **Create Pic Msg** screen appears in the display with the **Send To** tab highlighted.
4. Enter the phone number(s) or e-mail address(s) of the one or more recipients of the Picture message.

Tip: Press the **Add** (right) soft key ( ) to display a pop-up menu that lets you search your Contacts for a recipient, select a Group as recipient, browse the Recent Calls log for a recipient, or send the Picture message to the OnlineAlbum.

5. Press the OK key to move the cursor to the **Subject** field, then enter a subject for the Picture message using the keypad.
6. Press the **Down** navigation key until the **Text** field is highlighted, then enter the message text using the keypad.

See *"Entering Text"* on page 47 for more information.

7. At any point while composing a message, press the Left soft key ( ) to change the text entry mode. The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**

   Use the **Up** and **Down** navigation keys to highlight the desired text input mode, then press the OK key.

Tip: You can also change the text entry mode by pressing and holding the # key. You can change the capitalization mode by momentarily pressing the * key.

8. At any point while composing a text message, press the **Options** (right) soft key ( ). The following message composition and sending options appear in the display:
   - **Preview** — The message appears in the display as will appear to the recipient(s).
   - **Add Quick Text** — Insert precomposed text in the message.
   - **Save As Draft** — Save the message to your Draft folder.
   - **Priority Level** — Indicate whether the message is **High** or **Normal** priority.
   - **Validity Period** — Set a specific date and time, before which the message can be delivered, after which the message is recalled.
   - **Deferred Delivery** — Defer delivery of the message to some particular time.
   - **Delivery Ack** — Enable (**On**)/disable (**Off**) confirmation of message delivery.
   - **Remove PIC** — Removes the picture currently included in this message.
   - **Add To Contacts** — Add the recipient number(s) to your Contacts.

   Use the **Up** and **Down** navigation keys to highlight the desired option, then press the OK key.
9. If you wish to insert a sound into your Picture message, follow the instructions in steps 10 through 12. Otherwise, proceed to step 13.
10. Use the navigation keys to highlight the **Sound** field.
11. Press the **Sounds** (left) soft key ( ). The following options appear in the display:
    - **Record New** — Record a new memo to insert into the message.
    - **5 or more Sounds** — Select from a list of voice memos and/or sound files saved and/or preloaded on your phone.

Note: You can record and insert a voice memo of up to 60 seconds in length if you record first before attaching a picture. (See *"My Sounds"* on page 124 for more information.) If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

12. Use the **Up**/**Down** navigation keys to highlight an sound file, then press the OK key to insert a sound into your message. Press CLR to exit the pop-up menu without inserting a sound.

    You can now send or preview the Picture message.

13. **To preview the Picture message before sending**, press the **Options** (right) soft key ( ), then select **Preview** from the list of options that appears in the display.

14. **To send the Picture message now**, press the **SEND** key (OK). **Pic Msg Sending** appears in the display and a progress bar indicates the send status.

Send Picture Messages in Standby Mode

Send Picture messages to recipients with a compatible phone or other device, and accompany the Picture message with a voice memo, ring tone, or downloaded ring tone.

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 (for **Send Message**) and 2 abc for **Picture Message**. The **Create Pic Msg** screen appears in the display with the **Send To** tab highlighted.

2. Enter the phone number(s) or e-mail address(s) of the recipient of the Picture message.

Tip: Press the **Add** (right) soft key ( ) to display a pop-up menu that lets you search your Contacts for a recipient, select a Group as recipient, browse the Recent Calls log for a recipient, or send the Picture message to the OnlineAlbum.

3. Press the OK key to move the cursor to the **Subject** field, then enter a subject for the Picture message using the keypad.

   See *"Entering Text"* on page 47 for more information.

4. Use the **Up** and **Down** navigation keys to highlight the **Text** field.

5. Enter the message text using the keypad.

   See *"Entering Text"* on page 47 for more information.

6. At any point while composing text for the picture message, press the Left soft key ( ) to change the text entry mode. The following options appear in the display:

   - **T9Word**

- **Abc**
- **ABC**
- **123**
- **Symbols**

Use the **Up** and **Down** navigation keys to highlight the desired text input mode, then press the OK key.

Tip: You can also change the text entry mode by pressing and holding the * key. You can change the capitalization mode by momentarily pressing the * key.

7. At any point while composing the picture message, press the **Options** (right) soft key ( ). The following message composition and sending options appear in the display:
   - **Preview** — The message appears in the display as will appear to the recipient(s).
   - **Add Quick Text** — Insert precomposed text in the message.
   - **Save As Draft** — Save the message to your Draft folder.
   - **Priority Level** — Indicate whether the message is **High** or **Normal** priority.
   - **Validity Period** — Set a specific date and time, before which the message can be delivered, after which the message is recalled.
   - **Deferred Delivery** — Defer delivery of the message to some particular time.
   - **Delivery Ack** — Enable (**On**)/disable (**Off**) confirmation of message delivery.
   - **Add To Contacts** — Add the recipient number(s) to your Contacts.

   Use the **Up** and **Down** navigation keys to highlight the desired option, then press the OK key.
8. Press the **Down** navigation key until the **Pic** field is highlighted.
9. Press the **Images** (left) soft key ( ). The My Images screen appears in the display.
10. Use the navigation keys to highlight a photo to insert into your picture message, then press the OK key.
11. If you wish to insert a sound into your Picture message, follow the instructions in steps 12 through 14. Otherwise, proceed to step 15.
12. Use the navigation keys to highlight the **Sound** field.
13. Press the **Sounds** (left) soft key ( ). The following options appear in the display:
    - **Record New** — Record a new memo to insert into the message.
    - **5 or more Sounds** — Select from a list of voice memos and/or sound files saved and/or preloaded on your phone.

Note: You can record and insert a voice memo of up to 60 seconds in length if you record first before attaching a picture. (See *"My Sounds"* on page 124 for more information.) If a picture is attached before recording, the size of the voice memo is limited to the amount of remaining memory.

14. Use the **Up**/**Down** navigation keys to highlight an sound file, then press the OK key to insert a sound into your message. Press CLR to exit the pop-up menu without inserting a sound.

    You can now send or preview the Picture message.

15. **To preview the Picture message before sending**, press the **Options** (right) soft key ( ), then select **Preview** from the list of options that appears in the display.

16. **To send the Picture message now**, press the **SEND** key (OK). **Pic Msg Sending** appears in the display and a progress bar indicates the send status.

Send Video Messages in Camcorder Mode

Video messages can be sent to recipients with compatible phones or devices.

1. In standby mode, press and hold the Camera key ( ) — on the right side of the phone). The camcorder activates.

2. Using the display as a viewfinder, press the **Rec** key (OK) when the scene that you wish to record and send appears in the display. The soft key labels change to the following:
   - **Save** — Left soft key ( )
   - **Send** — OK key
   - **Erase** — Right soft key ( )

Note: For more information about using the camcorder feature in your phone, see *"Camera-Camcorder"* on page 90.

3. Press the OK key. The **Create Video Msg** screen appears in the display with the **Send To** tab highlighted.

4. Enter the phone number(s) or e-mail address(s) of the one or more recipients of the Video message.

Tip: Press the **Add** (right) soft key ( ) to display a pop-up menu that lets you search your Contacts for a recipient, select a Group as recipient, browse the Recent Calls log for a recipient, or send the Video message to the OnlineAlbum.

5. Press the OK key to move the cursor to the **Subject** field, then enter a subject for the Video message using the keypad.

6. Press the **Down** navigation key until the **Text** field is highlighted, then enter the message text using the keypad.

   See *"Entering Text"* on page 47 for more information.

7. While composing the Subject or the message text, press the Left soft key ( ) to change the text entry mode. The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**

   Use the **Up** and **Down** navigation keys to highlight the desired text input mode, then press the OK key.

Tip: You can also change the text entry mode by pressing and holding the key. You can change the capitalization mode by momentarily pressing the key.

8. At any point while composing the Subject or the message text, press the **Options** (right) soft key ( ). The following message composition and sending options appear in the display:
   - **Preview** — The message appears in the display as will appear to the recipient(s).
   - **Add Quick Text** — Insert precomposed text in the message.
   - **Save As Draft** — Save the message to your Draft folder.
   - **Priority Level** — Indicate whether the message is **High** or **Normal** priority.
   - **Validity Period** — Set a specific date and time, before which the message can be delivered, after which the message is recalled.
   - **Deferred Delivery** — Defer delivery of the message to some particular time.
   - **Delivery Ack** — Enable (**On**)/disable (**Off**) confirmation of message delivery.
   - **Remove Video** — Removes the video clip currently included in this message.
   - **Add To Contacts** — Add the recipient number(s) to your Contacts.

   Use the **Up** and **Down** navigation keys to highlight the desired option, then press the OK key.

9. **To preview the Video message before sending**, press the **Options** (right) soft key ( ), then select **Preview** from the list of options that appears in the display.

10. **To send the Video message now**, press the **SEND** key (OK). **Connecting** appears in the display and a progress bar indicates the send status.

Send Video Messages in Standby Mode

Send Video messages to recipients with a compatible phone or other device.

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 (for **Send Message**) and 3 for **Video Message**. The **Create Video Msg** screen appears in the display with the **Send To** tab highlighted.
2. Enter the phone number(s) or e-mail address(s) of the one or more recipients of the Video message.

Tip: Press the **Add** (right) soft key ( ) to display a pop-up menu that lets you search your Contacts for a recipient, select a Group as recipient, browse the Recent Calls log for a recipient, or send the Video message to the OnlineAlbum.

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3. Press the OK key to move the cursor to the **Subject** field, then enter a subject for the Video message using the keypad.

   See *"Entering Text"* on page 47 for more information.
4. Use the **Up** and **Down** navigation keys to highlight the **Text** field.
5. Enter the message text using the keypad.

   See *"Entering Text"* on page 47 for more information.
6. At any point while composing Subject or the message text for the Video message, press the Left soft key ( ) to change the text entry mode. The following options appear in the display:
   - **T9Word**
   - **Abc**
   - **ABC**
   - **123**
   - **Symbols**

   Use the **Up** and **Down** navigation keys to highlight the desired text input mode, then press the OK key.

Tip: You can also change the text entry mode by pressing and holding the * key. You can change the capitalization mode by momentarily pressing the * key.

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7. At any point while composing the Video message, press the **Options** (right) soft key ( ). The following message composition and sending options appear in the display:
   - **Preview** — The message appears in the display as will appear to the recipient(s).
   - **Add Quick Text** — Insert precomposed text in the message.
   - **Save As Draft** — Save the message to your Draft folder.

- **Priority Level** — Indicate whether the message is **High** or **Normal** priority.
- **Validity Period** — Set a specific date and time, before which the message can be delivered, after which the message is recalled.
- **Deferred Delivery** — Defer delivery of the message to some particular time.
- **Delivery Ack** — Enable (**On**)/disable (**Off**) confirmation of message delivery.
- **Add To Contacts** — Add the recipient number(s) to your Contacts.

Use the **Up** and **Down** navigation keys to highlight the desired option, then press the OK key.

8. Press the **Down** navigation key until the **Video** field is highlighted.
9. Press the **My Video** (left) soft key (•••). The **My Videos** screen appears in the display.
10. Use the navigation keys to highlight a video clip to insert into your Video message, then press the OK key.
11. **To preview the Video message before sending**, press the **Options** (right) soft key (•••), then select **Preview** from the list of options that appears in the display.
12. **To send the Video message now**, press the **SEND** key (OK). **Connecting** appears in the display and a progress bar indicates the send status.

Receive Messages

Receiving Text Messages

When you receive a text message in standby mode, the message alert sounds (unless turned off) and **New Message** pops-up in the display, along with the closed envelope icon (✉). The following options also appear in the display:

- **View Now** — Opens the message, where you have the Options: Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info.
- **View Later** — Returns your phone to standby mode. The message is saved to your Inbox where you can view it later.

Use the Up and Down navigation keys to highlight the preferred option and press the OK key.

Receive Text Messages While in a Call

When you receive a text message while in a call, the message alert sounds (unless turned off) and **New Message** pops-up in the display, along with the closed envelope icon (✉). The following options also appear in the display:

- **View Now** — Opens the message without interrupting the call. You have the Options: Forward, Reply With Copy, Save Quick Text, Lock, Add To Contacts, Message Info.

- **View Later** — Returns your phone to standby mode. The message is saved to your Inbox where you can view it later.

Use the Up and Down navigation keys to highlight the preferred option and press the OK key.

Receive Picture/Video Messages

When you receive a Picture message or a Video message in standby mode, the message alert sounds (unless turned off) and **New Pic Message** or **New Video Message** pops-up in the display, along with the closed envelope icon ( ). The following options also appear in the display:

- **View Now** — Connects to your Wireless Provider's message server, retrieves the message, opens, and plays it. You have the option to Play Again, Forward, Erase, Save Pic/Video, Save Sound, Save Quick Text, Lock, Add to Contacts, or view Message Info.
- **View Later** — Returns your phone to standby mode. The message is saved to your Inbox where you can retrieve and view/play it later.
- **Reject** — Discards the message without retrieving it.

Use the Up and Down navigation keys to highlight the preferred option and press the OK key.

Receive Picture/Video Messages While in a Call

When you receive a Picture message or a Video message while in a call, the message alert sounds (unless turned off) and "**You have 1 Pic Message(s)**" or "**You have 1 Video Message(s)**" pops-up in the display, along with the closed envelope icon ( ).

The new Picture or Video message is automatically saved to your Inbox where you can retrieve and erase or view/play it later.

View a Picture/Video Message Later

When you elect to view a new Picture message or new Video message later or you receive a Picture message or a Video message during a call, the message is saved to your Inbox.

1. In standby mode, press the **Message** (left) soft key ( ), then press 2 abc (for **Inbox**) to open your Inbox and view/play the Picture/Video message.

   For more information on viewing your Inbox messages, see *"Inbox"* on page 77.

Message Folders

Your phone stores messages in any one of five folders. The subsections that follow describe each message folder in detail.

Inbox

Received messages of all types (except Voicemail) are stored in the **Inbox** folder.

1. In standby mode, press the **Message** (left) soft key ( ), then press 2 abc for **Inbox**. A list of incoming messages appears in the display.

Tip: While in a call, press the **Options** (right) soft key ( ), then press 1 for Message, to open the Message menu.

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2. Use the navigation keys to highlight the message that you wish to view.
3. Press the OK key to view contents of the highlighted message.
4. While viewing your message press the **Options** (right) soft key ( ). The following options appear in the display:
   - **Forward** — Send a copy of this message to another recipient.
   - **Reply With Copy** — Compose and send a reply message to the originator of the received message and include a copy of the original message.
   - **Save Sound** — Picture Messages Only — Save the audio file (sound) included in this message to the My Sounds folder.
   - **Save Pic** — Picture Messages Only — Save the picture included in this message to the My Images folder.
   - **Save Quick Text** — Save the text in this message as a new Quick Text.
   - **Lock** / **Unlock** — Block/permit erasure of the highlighted message.
   - **Add To Contacts** — Save the sender's number to your Contacts.
   - **Message Info** — Shows message delivery status, addressee, size, and so on.
5. Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.
6. Press the **REPLY** key (OK) to compose a reply message.

Outbox

Your phone stores messages in the Outbox, regardless of whether the message was successfully transmitted. Verify if and when a message or e-mail was successfully transmitted by enabling the Delivery Ack feature. See *"Create and Send Text Messages"* on page 67 for more information on delivery acknowledgements.

Review Messages in the Outbox

1. In standby mode, press In standby mode, press the **Message** (left) soft key ( ), then press 3def for **Outbox.** Your list of sent messages appear in the display.
2. Use the navigation keys to highlight the message that you wish to review, then press the OK key.
3. Press the **Options** (right) soft key ( ). The following options appear in the display:
   - **Forward** — Send a copy of the message to a new recipient. The **Forward Message** screen or the **Forward-Pic Msg** screen appears in the display.
   - **Resend** — Re-send the highlighted message to the original recipient.
   - **Lock** / **Unlock** — Block a message from being erased or free a message to be erased.
   - **Add To Contacts** — Add the recipient's number or e-mail address to your Contacts.
   - **Erase Outbox** — Delete all unlocked messages in the Outbox folder.
   - **Message Info** — Display message delivery status, recipient, size, and so on.
4. Use the navigation keys to highlight the desired option.
5. Press the OK key to perform the function for the highlighted option.

Messages and Lock Mode

Your phone can still receive messages while in Lock Mode. The time and date of the message appear in the display, but you cannot access the message until you enter the lock code.

Drafts Folder

Messages in the Drafts folder are those that have been composed but never sent. You can return to the Drafts folder at any time to view, edit, or send a draft message.

Create a Draft Message

1. In standby mode, press the **Message** (left) soft key ( ), then press 1 (for **Send Message**). The following options appear in the display:
   - **Text Message**
   - **Picture Message**
   - **Video Message**
2. Use the Up and Down navigation keys to highlight the type of message draft you wish to make, then press the OK key. The **Create Text** / **Pic** / **Video Msg** screen appears in the display with the **Send To** tab highlighted.
3. Enter the phone number of the recipient, then press the OK key.

4. Compose your draft message using the keypad, then press the **Options** (right) soft key ( ).
5. Use the navigation keys to highlight **Save As Draft**, then press the OK key. A confirmation message appears in the display and your message is saved to the Drafts folder.

Draft Message Options

1. In standby mode, press the **Message** (left) soft key ( ), then press 4 ghi for **Drafts**. The **Draft** screen appears in the display showing a list of any draft messages that you've saved.
2. Use the navigation keys to highlight a draft message.
3. Press the **Options** (right) soft key ( ). The following options appear in the display:
   - **Send** — Send a copy of the draft message to the current recipient.
   - **Lock** / **Unlock** — Block a message from being erased or free a message to be erased.
   - **Add to Contacts** — Add the recipient number(s) to your Contacts.
   - **Save Quick Text** — Save the message text as a Quick Text item.
   - **Erase Drafts** — Erase all unlocked messages from the Drafts folder.

Edit Draft Text Messages

1. In standby mode, press the **Message** (left) soft key ( ), then press 4 ghi for **Drafts**. The **Draft** screen appears in the display showing a list of any draft messages that you've saved.
2. Use the navigation keys to highlight the draft text message that you wish to edit, then press the **EDIT** key (OK). The **Create Txt Msg** screen appears in the display with the message **Text** field showing.
3. Use the keypad to add to or change the message text.

   See *"Entering Text"* on page 47 for more information.
4. After you complete your changes to the selected draft message, do one of the following:
   - Press the **Options** (right) soft key ( ), then select the **Save as Draft** option to save the changed message as a new draft message.
   - Press the OK key to send the changed message.
   - Press the **Options** (right) soft key ( ), then select the following options as needed before sending the changed message:
     - **Edit Send To** — Change or add message recipient number(s) or e-mail address(es).
     - **Add Quick Text** — Add pre-composed text to the message.
     - **Save As Draft** — Save the changed draft message as a new draft.

– **Priority Level** — Indicate whether the message is **High**, **Normal**, or **Low** priority.
– **Validity Period** — Set a specific date and time, before which the message can be delivered, after which the message is recalled.
– **Deferred Delivery** — Defer delivery of the message to some particular time.
– **Delivery Ack** — Enable (**On**)/disable (**Off**) confirmation of message delivery.
– **Add To Contacts** — Add the recipient number(s) to your Contacts.

Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Edit Draft Picture Messages

1. In standby mode, press the **Message** (left) soft key (•••), then press 4 ghi for **Drafts**. A list of any draft messages that you've composed appears in the display.
2. Use the navigation keys to highlight the draft picture message that you wish to edit, then press the **Edit** key (OK). The **Create Pic Msg** screen appears in the display with the **Send To** tab highlighted.
3. Make any needed recipient number changes and press the OK key. The draft picture message contents appear in the display with the **Subject** field highlighted.
4. Use the **Up** and **Down** navigation keys to highlight each field to be changed. Use the keypad to make any text changes.

   See *"Entering Text"* on page 47 for more information.
5. Press the **Down** navigation key until the **Pic** field is highlighted to add a picture to the message or to change the picture.
6. Press the **Images** (left) soft key (•••). The My Images screen appears in the display.
7. Do one of the following:
   - Use the navigation keys to highlight a photo to insert into your picture message, then press the OK key.
   - Press the **Camera** (right) soft key (•••) to take a new photo, then press the **Send** key (OK).
8. After you complete your changes to the selected draft message, do one of the following:
   - Press the **Options** (right) soft key (•••), then select the Save as Draft option to save the changed message as a new draft message.
   - Press the OK key to send the changed message.
   - Press the **Options** (right) soft key (•••), then select the following options as needed before sending the changed message:

- **Preview** — View the message as the recipient will see it.
- **Add Quick Text** — Add pre-composed text to the message.
- **Save As Draft** — Save the changed draft message as a new draft.
- **Priority Level** — Indicate whether the message is **High** or **Normal** priority.
- **Validity Period** — Set a specific date and time, before which the message can be delivered, after which the message is recalled.
- **Deferred Delivery** — Defer delivery of the message to some particular time.
- **Delivery Ack** — Enable (**On**)/disable (**Off**) confirmation of message delivery.
- **Remove PIC** — Delete the picture currently included in the message.
- **Remove Sound** — Delete the sound file currently included in the message.
- **Add To Contacts** — Add the recipient number(s) to your Contacts.

Use the navigation keys to highlight an option. Press the OK key to perform the function for the highlighted option.

Voicemail

Messages in your voice mailbox are logged in the Voicemail folder of the **Messages** menu. Open the Voicemail folder to view the **Callback #** (if available), **Urgency**, and other details of the voicemail message.

1. In standby mode, press the **Message** (left) soft key ( ), then press 5 jkl for **Voicemail**.
2. Use the navigation keys to highlight the voice message whose information that you wish to review.
3. Press the OK key to review the information about the highlighted message.
4. Press the send key (SEND) to call your voice mailbox and listen to the message.

Note: You can also press and hold 1 to dial your voice mailbox.

Erase Messages

You can erase any or all of the unlocked messages in each your message folders.

Erase One Message

To erase a message from one of your message folders, do the following:

1. In standby mode, press the **Message** (left) soft key ( ). The following options appear in the display:
   - **Send Message**
   - **Inbox**
   - **Outbox**

- **Drafts**
- **Voicemail**
- **Erase Messages**
- **Msg Settings**

2. Use the **Up** and **Down** navigation keys to select a message folder option and press the OK key. A list of messages in the selected folder appears in the display.
3. Use the **Up** and **Down** navigation keys to select a message you wish to erase, then press the **Erase** (left) soft key ( ). You are prompted to confirm the erasure.

Note: If the selected message is locked. The "**Cannot erase msg locked.**" appears in the display. To erase the message, you must first unlock it. (See *"Message Folders"* on page 77 for more information.)

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4. Press the **Yes** (left) soft key ( ) to erase the message. Press the **No** (right) soft key ( ) or the CLR key to keep the message.

Erase All Messages

Erase Messages lets you erase all unlocked messages from any or all of your message folders.

Note: This function erases all messages in the selected folder. To delete a single message, open the folder from the **Message** menu, then press the **Erase** (left) soft key ( ).

---

1. In standby mode, press the **Message** (left) soft key ( ), then press 6mno for **Erase Messages**. The following options appear in the display:
   - **Inbox** — Deletes all unlocked messages stored in the Inbox.
   - **Outbox** — Deletes all unlocked messages stored in the Outbox.
   - **Drafts** — Deletes all unlocked messages stored in the Draft folder.
   - **All Messages** — Deletes all unlocked messages stored in all of the message folders.
2. Use the **Up** and **Down** navigation keys to highlight the folder containing the messages that you wish to delete.
3. Press the OK key. You're prompted to confirm the erasure of all messages in the selected folder or in all folders.
4. Press the **Yes** (left) soft key ( ) to erase the messages.

   Press the **No** (right) soft key ( ) or the CLR key to keep the messages.

Message Settings

Use the **Msg Settings** menu to define general message settings and specific settings for text and picture messages.

1. In standby mode, press the **Message** (left) soft key ( ), then press 7pqrs for **Msg Settings**. The **Msg Settings** screen appears in the display.
2. Use the navigation keys to highlight **General**, **Text Message**, or **Picture Message**.
3. Use the instructions in the following subsections to change settings for **General**, **Text**, and **Picture/Video** messages.

General Message Settings

1. With **General** highlighted in the **Msg Setting** sub menu, press the OK key. The following options appear in the display:
   - **Auto Save** — Enable or disable automatic saving of messages or enable a prompt to save messages.
   - **Auto Erase** — Choose to receive (or not receive) a warning message when you delete a message.
   - **Quick Text** — Edit your pre-composed messages, which can then be inserted into new messages.
   - **Voicemail #** — Edit or view your Voicemail number.
   - **Entry Mode** — Choose the default method for entering text into messages. Options are T9 Word and Alphabet.
   - **Callback #** — Enable, disable, and enter/change the number message recipients are to use to respond to your message.
   - **Signature** — Enable, disable, and enter/change the text signature to be added to the end of your messages.
   - **Reminder** — Enable, disable, and set the time interval for sounding a reminder alert tone.
2. Use the navigation keys to highlight the desired setting. Press the OK key to enter the highlighted option's sub menu.

Editing and Adding New Quick Text

1. In standby mode, press the **Message** (left) soft key ( ), then press 7pqrs for **Msg Settings**), 1 (for **General**), and 3def for **Quick Text**. The **Quick Text** menu appears in the display.
2. Do one of the following:
   - To add a Quick Text, press the **New** (right) soft key ( ).
   - Use the **Up** and **Down** navigation keys to highlight the Quick Text you want to change, then press the **EDIT** key (OK).

Note: You cannot edit the preloaded Quick Text entries included in your phone.

3. Use the keypad to enter or change the text content of your Quick Text. (See *"Entering Text"* on page 47 for more information.)
4. Once you're finished entering or changing your Quick Text entry, press the OK key. The **Quick Text** menu appears in the display with your new Quick Text entry highlighted.

Tip: You can also create new Quick Text by using the **Save Quick Text** option in your Message Folders' **Options** menus. See *"Message Folders"* on page 77 for more information.

Text Message Settings

1. With **Text Message** highlighted in the **Msg Settings** sub menu, press the OK key. The following text message options appear in the display:
   - **Auto View** — Off/On — With Auto View **On**, the full content of text messages appear in the display as they are received.
   - **Signature** — Create a signature, which can be attached at the bottom of outgoing messages (see **Insert Sign.** above).
   - **Auto Scroll** — Message text automatically scrolls, showing the entire message text in the display.
2. Use the navigation keys to highlight the desired setting. Press the OK key to enter the highlighted option's sub menu.

Picture/Video Message Settings

1. With **Picture/Video Message** highlighted in the **Msg Settings** sub menu, press the OK key. The following options appear in the display:
   - **Auto Receive** — Options to save messages automatically in the Outbox, prompt before saving, or do not save messages in the Outbox.
   - **Signature** — Create a signature, which can be attached at the bottom of outgoing messages (see **Insert Sign.** above).
2. Use the navigation keys to highlight the desired setting. Press the OK key to enter the highlighted option's sub menu.

Section 8: easyedge℠

Topics Covered

- **easy**edge℠ Features
- Accessing **easy**edge℠

With **easy**edge℠, you can download full featured applications over the air including games, personalized ring tones, pictures, and more. You can send and receive instant messages and email, or browse the web to catch up on all the latest news.

This section outlines how to obtain games and other applications for your phone. For more information, contact U.S. Cellular.

easyedge℠ Features

1. In standby mode, press the **MENU** key (OK), then press 4 ghi for (**easy**edge℠). The following **easy**edge℠ options appear in the display:
   - **easy**edge℠

Tip: To launch the easyedge™ menu using a voice command — In standby mode, press and hold Ons until the phone prompts, "Say a command." Say "Go to easyedge" into the microphone.

2. Use the navigation keys to highlight the desired **easy**edge℠ option, then press the OK key.

Accessing easyedge℠

Applications Shopping and Downloading

Download games, ring tones, e-mail, and more using **easy**edge℠. For information on airtime charges, contact U.S. Cellular.

1. In standby mode, press the **Right** navigation key to launch **easy**edge℠. The following **easy**edge℠ options appear in the display:

2. Use the navigation keys to highlight the **easy**edge℠ icon (), then press the OK key.

Note: The first time you access **easy**edge℠ Shop, an "airtime warning" message appears in the display along with instructions on how to remove this message.

Your phone takes a moment to connect, then the **easy**edge℠ Catalog menu appears in the display.

3. Follow the instructions in your phone's display.

Note: Please check with U.S. Cellular for availability of applications.

Changing Your easyedge℠ Settings

Use the **Settings** menu in **easy**edge℠ to manage, move, order applications, and much more.

1. In standby mode, press the **Right** navigation key to launch **easy**edge℠.

2. At the **easy**edge[SM] menu, use the navigation keys to highlight the **Settings** icon ( ), then press the OK key. The following options appear in the display:
   - **Order Apps** — Download applications over the network.
   - **Move Apps** — Move previously downloaded applications between available folders.
   - **Manage Apps** — View used and available memory.
   - **Main Menu View** — Select whether you wish to view the main **easy**edge[SM] menu in a list or icon format.
   - **Screen Savers** — View downloaded screensavers.
   - **Data Charge** — Enable/disable all data charges.
   - **View Log** — View the **easy**edge[SM] log, which displays information about recent activity using **easy**edge[SM].
3. Use the navigation keys to highlight the desired option.
4. Press the OK key to enter the option's sub menu and view or change settings.

Using On-line Help

The Help sub menu within **easy**edge[SM] is a short tutorial on several **easy**edge[SM] features. View information about charges, cancelling subscriptions, buying applications, disabling applications, and more.

1. Within in the **easy**edge[SM] menu, use the navigation keys to highlight the **Help** ( ) icon.
2. Press the OK key. The Help subjects described in the following subsections appear in the display.
3. Use the navigation keys to highlight the desired Help subject.
4. Press the OK key to view the selected Help information.

Buying New Applications

To buy new and exciting applications, visit the **easy**edge[SM] Shop. It provides you with a variety of applications you can choose from.

What do I pay?

When you buy an application, you will be charged for the purchase cost of the application and the data usage to download it. Charges will also apply when you use applications that require data usage, such as downloading information and sending text messages.

Airtime Charges

Network usage charges my be incurred for network connections. A network connection is used when you are browsing online, downloading and restoring applications, or canceling subscription applications. Network usage charges may also apply when you use applications that require network connections, such as downloading information and sending text messages.

Cancelling Subscription

To cancel a subscription to an application, do the following:

1. At the **easy**edge[SM] menu, use the navigation keys to highlight the Settings icon ( ), then press the OK key.
2. Use the navigation keys to highlight **Manage Apps**.
3. Press the OK key.
4. Use the navigation keys to highlight the Subscription you want to cancel.
5. Press the OK key.
6. Use the navigation keys to highlight **Cancel Subscription**.
7. Press the OK key.

Demo Applications

A Demo app is free and is designed to demonstrate the application's main features. It usually expires after a certain period of time or a number of uses ahd often has limited functions. When you run a demo application, you will be presented with a purchase option so you won't have to look for the application in the **easy**edge[SM] catalog.

Removing Applications

You may remove applications that are no longer needed. When you remove an application, you cannot use the application unless you purchase it again. To remove an application, do the following:

1. At the **easy**edge[SM] menu, use the navigation keys to highlight the Settings icon ( ), then press the OK key.
2. Use the navigation keys to highlight **Manage Apps**.
3. Press the OK key.
4. Use the navigation keys to highlight the application you want to remove.
5. Press the OK key.
6. Use the navigation keys to highlight **Remove**.
7. Press the OK key.

Disabled Applications

You can install new applications even if the memory of your phone is full by partially removing (disabling) applications you haven't used recently. When you need to use a disabled application, you can restore it at no additional purchase cost.

Restoring Applications

Disabled applications can be quickly restored at no additional purchase cost. To restore an application, run the application you want to restore from the Main Menu. You will be guided through the restoration process.

Expired Applications

Applications that were purchased based on the number of uses or for a specified period of time expire. You can purchase additional uses from the **easy**edge[SM] Shop.

Section 9: Camera-Camcorder

Topics Covered

- Taking Pictures and Videos
- Screen Layouts
- Saving Pictures and Videos
- Camera Options
- Camcorder Options
- Zoom
- Brightness
- The Photo Gallery
- Point, Click, and Send Pictures and Videos

Use your SCH-U520 phone to take full color digital pictures and videos, display them on your phone's vivid color display, and instantly share them with family and friends. It's fun, and as easy to use as a traditional point-and-click camera or camcorder. This section explains how you can do the following:

- Take pictures and videos with your phone's built-in digital camera-camcorder.
- Send and receive pictures and videos taken with your phone's camera-camcorder.
- Set the several options associated with the camera-camcorder that help you take crisp, clear pictures and videos.

Taking Pictures and Videos

Taking pictures videos with the built-in camera-camcorder is as simple as choosing a subject, pointing the lens [located on the front of the flip (near the hinge)], and pressing a button.

Note: You can use the camera, but not the camcorder, with the phone's flip closed.

Taking Snap Shots (Single Pictures)

Flip Open

To take a single picture using the current camera settings, do the following:

1. In standby mode, press the **Camera/Speakerphone** key ( ) on the right side of the phone. The message "**Loading...**" appears in the display followed by a camera view finder screen. (See "Camera Screen" on page 93 for more information.)

Note: You can also activate the camera by pressing the **MENU** key ( ), then press (for **Multimedia**) and for **Camera**.

2. Using the display as a viewfinder, point the camera at your subject.
3. Press the key when the image that you wish to capture appears in the display.
4. Press the **Save** (left) soft key ( ) to save the picture to memory.
5. Press the **Erase** (right) soft key ( ) to erase the photo.

Tip: You can change a number of the camera's settings to suit particular uses for your pictures. See "Camera Options" on page 96 for more information.

Taking Multi Shot Pictures

When taking pictures of moving subjects or subjects you cannot pose, such as children and pets, the camera's Multi Shot mode simplifies the process of taking multiple pictures in quick succession. After taking Multi Shot pictures, the camera automatically displays thumbnail views of the pictures you have just taken so you can select the best picture(s) and discard the rest.

1. In standby mode, press the **Camera/Speakerphone** key ( ) on the right side of the phone. The message "**Loading...**" appears in the display followed by a camera view finder screen. (See "Camera Screen" on page 93 for more information.)

Note: You can also activate the camera by pressing the **MENU** key (OK), then press 7pqrs (for **Multimedia**) and 8tuv for **Camera**.

2. Press the **Options** (right) soft key ( ). The options menu bar appears in the display with the **Flash** icon ( ) highlighted.
3. Use the Left and Right navigation keys to highlight the **Multi Shot** icon ( ). The **Multi Shot** menu appears in the display with the following options popping up in the display:
   - **Series Shot**
   - **Divided Shot**
   - **Auto/Manual** — Lets you choose to take multiple images with a single press (Auto) of the Camera key or OK key, or individually with multiple presses (Manual) of the Camera key or OK key.
4. If you highlight the **Series Shot** option and press the OK key, the following options appear in the display:
   - **Off**
   - **3**
   - **5**

   Use the Up and Down navigation keys to highlight **3** or **5**, then press the OK key. A **Series Shot** icon ( ), a progress bar, and a counter appear in the display.
5. If you highlight the **Divided Shot** option and press the OK key, the following options appear in the display:
   - **Off**
   - **4**
   - **9**

   Use the Up and Down navigation keys to highlight **4** or **9**, then press the OK key. A **Divided Shot** icon ( ), a progress bar, and a counter appear in the display.
6. Using the display as a viewfinder, point the camera lens at your subject.
7. Press the OK key when the image that you wish to capture appears in the display. The camera takes multiple pictures in quick succession (or individually with a succession of key presses), then the **SELECT TO SAVE** screen appears in the display.
8. Use the navigation keys to highlight pictures you want discarded, then press the OK key to unselect them
9. Press the **Done** (left) soft key ( ) to save the remaining picture(s) to memory. You are returned to the camera screen.

Taking Videos

To take a video using the current camcorder settings, do the following:

1. In standby mode, press the **Camera/Speakerphone** key ( ) on the right side of the phone. The message "**Loading...**" appears in the display followed by a camera view finder screen. (See "Camera Screen" on page 93 for more information.)
2. Press the **Camera/Speakerphone** key ( ) again. The message "**Loading...**" appears in the display followed by the camcorder view finder screen. (See "Camcorder Screen" on page 95 for more information.)

Note: You can also activate the camcorder by doing one of the following:

1.Pressing the **Menu** (left) soft key ( ), then press 7pqrs (for **Multimedia**) and 2abc for **Camcorder**.

2.From the camera screen, by pressing the **Options** (right) soft key, using the Left and Right navigation keys to highlight the Camcorder icon, and then pressing the OK key.

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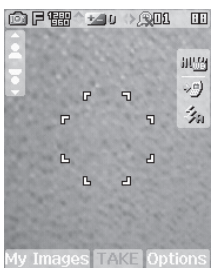
3. Using the display as a viewfinder, point the camera lens at your subject.
4. Press the **REC** ( ) key when the image that you wish to capture appears in the display. Recording continues until you press the **STOP** ( ) key or until 15 seconds of video has been recorded, whichever comes first.
5. Press the **Save** (left) soft key ( ) to save the video to memory.
6. Press the **Erase** (right) soft key ( ) to erase the video.

Screen Layouts

Camera Screen

When you activate your phone's camera, the second line of the display is reserved for the current camera resolution setting and the picture counter. The center of the display shows a viewfinder image of the subject at which the camera is pointed. The soft key labels on the bottom line of the display change to the following:



- **My Images** — Pressing the left soft key ( ) opens the **My Images** multimedia folder so you can view or manage your stored pictures. (See "The Photo Gallery" on page 110 for more information.)
- **TAKE** — Pressing the OK key takes a picture of the image currently appearing on the display.

• **Options** — Pressing the right soft key ( ) opens a pop-up menu of camera settings.

Camera Screen Icons

Camera — Indicates the camera is active.

Flash Setting — Indicates camera's flash setting. (You can change the camera flash setting. See "Flash" on page 104 for more information.)

Quality — Indicates camera's picture quality setting. (You can change the picture quality setting. See "Quality" on page 105 for more information.)

Camera Resolution — Indicates camera's current resolution setting. (You can change the camera resolution setting. See "Camera Options" on page 96 for more information.)

Photo Limit — Indicates the maximum number of photos you can take. (Depending on the camera resolution setting.)

White Balance — Indicates camera's white balance setting. (You can change the camera white balance setting. See "White Balance" on page 105 for more information.)

Phone Memory — Indicates photos will be stored in the phone's memory.

Card Memory — Indicates photos will be stored on a microSD Memory Card.

Zoom — Enlarges the image from X1 to X10 before you take a picture. (Depending on the camera resolution setting.)

Brightness — Brightens or darkens the image from -4 to +4.

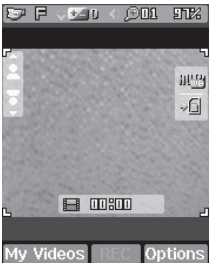
Multi Shot (Series) — Takes 3 or 5 pictures when you press the OK key.

Multi Shot (Divided) — Takes 4 or 9 pictures when you press the OK key.

Flip Picture — Indicates you can use the Volume keys vertically flip the camera view (and any resulting pictures). Press the Down volume key to flip the camera view upside down. Press the Up volume key to restore the camera view to normal.

Self Timer in use — Delays the camera shutter from 2 to 10 seconds after you press the OK key.

Camcorder Screen



When you activate your phone's camcorder, the first line of the display is shows current camcorder setting icons. The center of the display shows a viewfinder image of the subject at which the camcorder is pointed. The soft key labels on the bottom line of the display change to the following:

- **My Videos** — Pressing the Left soft key ( ) opens the **My Videos** multimedia folder so you can view or manage your stored pictures. (See "The Photo Gallery" on page 110 for more information.)
- **REC** — Pressing the OK key starts the camcorder recording a video of the image currently appearing in the display.
- **Options** — Pressing the Right soft key ( ) opens a pop-up menu of camcorder settings.

Camcorder Screen Icons

Camcorder — Indicates the camcorder is active.

Flash Setting — Indicates camcorder's flash setting. (You can change the camcorder flash setting. See "Flash" on page 104 for more information.)

Quality — Indicates camcorder's video quality setting. (You can change the video quality setting. See "Quality" on page 105 for more information.)

Memory Available — Indicates the percentage of memory available for you to store a video. (Depending on the camcorder quality setting.)

White Balance — Indicates the camcorder's white balance setting. (You can change the camcorder white balance setting. See "White Balance" on page 105 for more information.)

Phone Memory — Indicates videos will be stored in the phone's memory.

Card Memory — Indicates videos will be stored on a microSD Memory Card.

Zoom — Enlarges the image from X1 to X10 before you take a video. (Depending on the camcorder quality setting.)

Brightness — Brightens or darkens the image from -4 to +4.

Flip Picture — Indicates you can use the Volume keys vertically flip the camera view (and any resulting pictures). Press the Down volume key to flip the camera view upside down. Press the Up volume key to restore the camera view to normal.

Self Timer in use — Delays the camcorder from recording for from 2 to 10 seconds after you press the OK key.

Recording Mode — Indicates camcorder is in MMS mode (as shown) with Quality and recording time limits or in Normal mode ( ).

Saving Pictures and Videos

After you've taken a picture or video, you can do any of the following:

- **Save the picture or video** by pressing the **Save** (left) soft key ( ).
  A picture is stored in the **My Images** folder. A video is stored in the **My Videos** folder. These folders are part of the phone's memory and/or part of an optional Memory Card devoted to storing, browsing, and viewing saved pictures and videos. (See "The Photo Gallery" on page 110 for more information.)
- **Send the picture or video** to someone else by pressing the **Send** (OK) key.
  For a detailed procedure, see "Send Picture Messages in Camera Mode" on page 68.
- **Discard the picture or video** by pressing the **Erase** (right) soft key ( ).

Camera Options

The Camera Options let you adjust the default camera settings to suite available lighting, the subject of the photo, or the purpose of the photo. To access Camera Options, do the following:

1. In standby mode, briefly press the **Camera/Speakerphone** key ( ). The camera viewfinder screen appears in the display.
2. Press the **Options** (right) soft key ( ). The following sub-menus appear in the display:
   - **Flash**
   - **Self Timer**
   - **Multi Shot**
   - **Quality**
   - **Resolution**
   - **White Balance**
   - **Fun Tools**
   - **Metering**
   - **Settings**
   - **Camcorder**

3. Use the **Left** and **Right** navigation keys to highlight the desired option and/or setting, then press the OK key to save the selected setting.

Flash

Flash lets you control whether the camera flash lights (**Off**) and when [always (**On**), automatically (**Auto**), one shot only (**On This Shot**)].

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight **Flash**, then press the OK key. The following options appear in the display:
   - **Off**
   - **Always On**
   - **Auto**
   - **On This Shot**
3. Use the **Up** and **Down** navigation keys to highlight the desired flash setting, then press the OK key. The camera screen appears in the display.

Self Timer

Self Timer lets you delay taking a picture long enough to let you join others in a picture.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight **Self Timer**, then press the OK key. The following options appear in the display:
   - **Off**
   - **2 Sec.**
   - **5 Sec.**
   - **10 Sec.**
3. Use the navigation keys to highlight the desired delay, then press the OK key. The camera screen appears in the display.

   The next time you press the OK key, the countdown timer indicates the time remaining before the camera takes the picture. The phone reads the countdown timer value beginning with two or three and continuing to zero, when the picture is taken.

Tip: To stop the countdown timer without resetting it, press the END key.

Multi Shot

Multi Shot lets you take multiple pictures in succession at the touch of a key.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Multi Shot**, then press the OK key. The following options appear in the display:
   - **Series Shot** — **Off** / **3** pictures taken in succession / **5** pictures taken in succession.
   - **Divided Shot** — **Off** / **4** of the same new picture in a 2-by-2 array / **9** of the same new picture in a 3-by-3 array.
   - **Auto/Manual** — Automatically takes pictures with a single press of the OK key / You Manually take the pictures, one per OK key press.
3. Use the **Up** and **Down** navigation keys to highlight the desired option and setting, then press the OK key to save the setting. The camera screen appears in the display.

Note: When Multi Shot is set to a value other than Off, a Multi Shot icon [such as (Series) or (Divided)] appears in the viewfinder screen.

The next time you press the OK key, the camera takes several pictures in rapid succession.

Quality

You can affect how much your photo is compressed, thereby reducing it's overall size (not to be confused with resolution).

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Quality**, then press the OK key.
3. Use the Up and Down navigation keys to highlight **Fine**, **Normal**, or **Economy**.
4. Once the quality setting of your choice is highlighted, press the OK key. You're returned to the camera viewfinder screen.

Resolution

Change the size (in bytes) of your pictures using the Resolution setting.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the navigation keys to highlight **Resolution**, and press the OK key. The following options appear in the display:
   - **1280 X 960** (pixels)
   - **640 X 480** (pixels)
   - **320 X 240** (pixels)
   - **176X 144** (pixels)
   - **160X 120** (pixels)
   - **Picture ID** — lets you take pictures the correct size and resolution for Contacts list picture IDs.
3. Use the navigation keys to highlight the desired resolution and press the OK key. You're returned to the camera viewfinder screen.

Note: The Resolution setting affects zoom capabilities. When Resolution is set to **1280 X 960**, zoom is not available. When Resolution is set to any value lower than **1280 X 960**, zoom settings 01 – 10 are available.

White Balance

White Balance allows you to adjust picture quality according to available light.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight **White Balance**, then press the OK key. The name of the current White Balance setting appears in the second line of the display. The options are:
   - **Auto** — The camera automatically adjusts picture quality to available light.
   - **Sunny** — Use this setting when taking pictures in full sun.
   - **Cloudy** — Use this setting when taking pictures in cloudy conditions.
   - **Tungsten** — Use this setting when taking pictures under incandescent lights.
   - **Fluorescent** — Use this setting when taking pictures under fluorescent lights.
   - **Manual** — Lets you manually adjust the setting to match available light.
3. Use the **Up** and **Down** navigation keys to show the various White Balances and the effects they have on a picture.
4. When you decide on the White Balance you wish to use, press the OK key. The camera viewfinder screen appears in the display with your selected White Balance applied.

   The next time you press the OK key, the camera applies the selected White Balance to your picture.

Fun Tools

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the navigation keys to highlight **Fun Tools**, and press the OK key. The following options appear in the display:
   - **Color Effects**
   - **Fun Frames**
3. Use the navigation keys to highlight the color effect of your choice is highlighted, then press the OK key.

Color Effects

Change the look of your pictures with Color Effects. Choose from nine available settings such as Cool, Negative, and Sepia. The selected color effect previews in the display before you take the picture.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight **Color Effects**, and press the OK key. The following options appear in the display:

Note: Choose **Normal** to disable Color Effects.

- **Normal** — Subjects and pictures appear with a normal hue.
- **Black & White** — Subjects and pictures appear in black and white.
- **Sepia** — Subjects and pictures appear in a brownish-gray hue.
- **Antique** — Subjects and pictures appear in shades of brown.
- **Negative** — Subjects and pictures appear in inverted colors.
- **Green** — Subjects and pictures appear in a greenish hue.
- **Aqua** — Subjects and pictures appear in an aqua hue.
- **Cool** — Subjects and pictures appear in a bluish hue.
- **Warm** — Subjects and pictures appear in a gold hue.

3. Use the navigation keys to highlight the color effect of your choice is highlighted, then press the OK key. You're returned to the camera viewfinder screen.

   When you take your next picture, the phone's display previews your subject image with the selected color effect.

Fun Frames

The Fun Frame option lets you temporarily apply one of the preloaded picture frames in your phone to characterize or enhance one or more pictures.

1. In camera mode, press the **Options** (right) soft key ( ), then use the Up and Down navigation keys to highlight **Fun Frames**, then press the OK key). The name of the current frame appears in the top line of the display.

Note: The **None** frame is a blank frame.

2. Use the Up and Down navigation keys to show the various Fun Frames.
3. When you decide on the frame you wish to use, press the OK key. The camera screen appears in the display with your selected Fun Frame in place.

   The next time you press the **Take** key (OK), the camera includes the selected Fun Frame in your picture.

Metering

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Metering**, and press the OK key. The following options appear in the display:
   - **Average** — Adjusts exposure to the average light level over a large picture area.
   - **Center** — Adjusts exposure to the average light level over a center portion of the subject.
   - **Spot** — Adjusts exposure to the light level over a small portion of the subject.
3. Use the **Up** and **Down** navigation keys to highlight the sampling area of your choice, then press the OK key. You're returned to the camera viewfinder screen.

   When you take your next picture, the phone's display previews your subject image with the measured exposure.

Settings

Memory

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the **Up** and **Down** navigation keys to highlight **Memory**, then press the OK key. The following Memory options appear in the display:
   - **Phone** — Stores pictures in phone memory.
   - **Card** — Stores pictures on an optional microSD Memory Card.
4. Use the **Up** and **Down** navigation keys to highlight the memory location setting of your choice, then press the OK key. You're returned to the camera viewfinder screen.

Auto Save

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the **Up** and **Down** navigation keys to highlight **Auto Save**, then press the OK key. The following shutter sounds appear in the display:
   - **Off**
   - **On**
4. Use the **Up** and **Down** navigation keys to highlight the automatic save setting of your choice, then press the OK key. You're returned to the camera viewfinder screen.

Icon Display

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Icon Display**, then press the OK key. The following options appear in the display:
   - **Display All** — Shows camera icons as seen in "Camera Screen Icons" on page 94.
   - **Guideline** — Shows a cross hatch pattern in the view finder screen.
   - **No Icons** — Shows a nearly full-display subject image and without icons.
4. Use the **Up** and **Down** navigation keys to highlight the viewfinder screen setting of your choice, then press the OK key. You're returned to the camera viewfinder screen.

View Mode

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **View Mode**, then press the OK key. The following options appear in the display:
   - **Landscape** — Shows a wider, more panoramic view of the subject.
   - **Portrait** — Shows a narrower, more vertically oriented view of the subject.
4. Use the Up and Down navigation keys to highlight the view mode setting of your choice, then press the OK key. You're returned to the camera viewfinder screen.

Shutter Sound

Choose from four different sounds whenever you take a picture. Aside from being a cool sound effect, Shutter Sounds acts as an audible reminder that your camera has taken a picture.

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Shutter Sounds**, then press the OK key. The following shutter sounds appear in the display:
   - **Off**
   - **Shutter**
   - **OK**
   - **DingDong**
4. Use the **Up** and **Down** navigation keys to highlight the shutter sound setting of your choice, then press the OK key. You're returned to the camera viewfinder screen.

Reset Setting

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the **Left** and **Right** navigation keys to highlight **Reset Setting**, then press the OK key. You are prompted to confirm reset of all camera settings.
   - Select the **Yes** option to reset the camera settings to default values.
   - Select the **No** option to keep the current camera settings.

Camcorder

1. In camera mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Camcorder**, then press the OK key. The Camcorder view finder screen appears in the display.

Camcorder Options

The Camcorder Options let you adjust the default camcorder settings to suite available lighting, the subject of the video, or the purpose of the video. To access Camcorder Options, do the following:

1. In standby mode, briefly press the **Camera/Speakerphone** key ( ). The camera viewfinder screen appears in the display.

2. Press the **Camera/Speakerphone** key ( ) again. The camcorder viewfinder screen appears in the display.
3. Press the **Options** (right) soft key ( ). The following sub-menus appear in the display:
   - **Recording Mode**
   - **Flash**
   - **Self Timer**
   - **Quality**
   - **White Balance**
   - **Color Effects**
   - **Settings**
   - **Camera**
4. Use the **Left** and **Right** navigation keys to highlight the desired option and/or setting, then press the OK key to save the selected setting.

Recording Mode

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the navigation keys to highlight **Recording Mode**. The following options appear in the display:
   - **Limit for MMS** — Record videos that are a maximum of 15 seconds long. The videos can be included in video messages.
   - **Normal** — Record video clips that are any length up to 10 minutes, depending upon the available memory.
3. Use the Up and Down navigation keys to highlight the desired recording mode setting, then press the OK key. The camcorder screen appears in the display.

Flash

Flash lets you control whether the camcorder flash light is (**Off**), always (**On**), or automatically (**Auto**) on in low light.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Flash**. The following options appear in the display:
   - **Off**
   - **Always On**
   - **Auto**

3. Use the Up and Down navigation keys to highlight the desired flash setting, then press the OK key. The camcorder screen appears in the display.

Self Timer

Self Timer lets you delay taking a video long enough to let you join others in the video.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the Left and Right navigation keys to highlight **Self Timer**. The following options appear in the display:
   - **Off**
   - **2 Sec.**
   - **5 Sec.**
   - **10 Sec.**
3. Use the Up and Down navigation keys to highlight the desired delay, then press the OK key. The camcorder screen appears in the display.

   The next time you press the OK key, a countdown timer in the display indicates the time remaining before the camcorder starts recording the video. The phone reads the countdown timer value beginning with two or three and continuing to zero, when recording begins.

Tip: To stop the countdown timer without resetting it, press the END key.

Quality

You can affect how much your video is compressed, thereby reducing it's overall size (not to be confused with resolution).

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Quality**.
3. Use the **Up** and **Down** navigation keys to highlight **Fine**, **Normal**, or **Economy**.
4. Once the quality setting of your choice is highlighted, press the OK key. You're returned to the camcorder viewfinder screen.

White Balance

White Balance allows you to adjust video quality according to available light.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.

2. Use the **Left** and **Right** navigation keys to highlight **White Balance**. The name of the current White Balance setting appears in the second line of the display. The options are:
   - **Auto** — The camcorder automatically adjusts color balance to available light.
   - **Sunny** — Use this setting when recording videos in full sun.
   - **Cloudy** — Use this setting when recording videos in cloudy conditions.
   - **Tungsten** — Use this setting when recording videos under incandescent lights.
   - **Fluorescent** — Use this setting when recording videos under fluorescent lights.
   - **Manual** — Use this setting to manually adjust color balance to available light.
3. Use the **Up** and **Down** navigation keys to show the various White Balances and the effects they have on a video.
4. When you decide on the White Balance you wish to use, press the OK key. The camcorder viewfinder screen appears in the display with your selected White Balance applied.

   The next time you press the OK key, the camcorder applies the selected White Balance to your video.

Color Effects

Change the look of your videos with Color Effects. Choose from five available settings such as Antique, Negative, and Sepia. The selected color effect previews in the display before you take the picture.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Color Effects**. The following options appear in the display:

Note: Choose **Normal** to disable Color Effects.

- **Normal** — Subjects and pictures appear with a normal hue.
- **Black & White** — Subjects and pictures appear in black and white.
- **Sepia** — Subjects and pictures appear in a brownish-gray hue.
- **Antique** — Subjects and pictures appear in a brownish hue.
- **Negative** — Subjects and pictures appear in negative (reversed brightness) hue.
- **Green** — Subjects and pictures appear in a greenish hue.
- **Aqua** — Subjects and pictures appear in an aqua hue.
- **Cool** — Subjects and pictures appear in a bluish hue.
- **Warm** — Subjects and pictures appear in a golden hue.

3. Use the **Up** and **Down** navigation keys to highlight the color tone of your choice is highlighted, then press the OK key. You're returned to the camcorder viewfinder screen.

   When you record your next video, the phone's display previews your subject image with the selected color effect.

Settings

Memory

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the **Up** and **Down** navigation keys to highlight **Memory**, then press the OK key. The following Memory options appear in the display:
   - **Phone** — Stores videos in phone memory.
   - **Card** — Stores videos on an optional microSD Memory Card.
4. Use the **Up** and **Down** navigation keys to highlight the memory location setting of your choice, then press the OK key. You're returned to the camcorder viewfinder screen.

Auto Save

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the **Up** and **Down** navigation keys to highlight **Auto Save**, then press the OK key. The following shutter sounds appear in the display:
   - **Off**
   - **On**
4. Use the **Up** and **Down** navigation keys to highlight the automatic save setting of your choice, then press the OK key. You're returned to the camcorder viewfinder screen.

Icon Display

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the Up and Down navigation keys to highlight **Icon Display**, then press the OK key. The following options appear in the display:
   - **Display All** — Shows camcorder icons as seen in "Camcorder Screen Icons" on page 95.

- **No Icons** — Shows a nearly full-display subject image and without icons.

4. Use the **Up** and **Down** navigation keys to highlight the viewfinder screen setting of your choice, then press the OK key. You're returned to the camcorder viewfinder screen.

Start Sound

Choose from two different sounds whenever you begin video recording. Aside from being a cool sound effect, Start Sound acts as an audible reminder that your camcorder has begun recording a video.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the **Up** and **Down** navigation keys to highlight **Start Sound**, then press the OK key. The following options appear in the display:
   - **Off**
   - **Look here**
   - **1,2,3!**
4. Use the **Up** and **Down** navigation keys to highlight the desired start sound, then press the OK key. You're returned to the camcorder viewfinder screen.

End Sound

Choose from two different sounds whenever you stop video recording. Aside from being a cool sound effect, End Sound acts as an audible reminder that your camcorder has stopped recording a video.

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the **Up** and **Down** navigation keys to highlight **End Sound**, then press the OK key. The following options appear in the display:
   - **Off**
   - **OK**
   - **Melody**
4. Use the **Up** and **Down** navigation keys to highlight the desired end sound, then press the OK key. You're returned to the camcorder viewfinder screen.

Reset Setting

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Settings**.
3. Use the **Up** and **Down** navigation keys to highlight **Reset Setting**, then press the OK key. You are prompted to confirm reset of all camcorder settings.
   - Select the **Yes** option to reset the camcorder settings to default values.
   - Select the **No** option to keep the current camcorder settings.

Camera

1. In camcorder mode, press the **Options** (right) soft key ( ). The options menu bar appears in the display.
2. Use the **Left** and **Right** navigation keys to highlight **Camera**, then press the OK key. The Camera viewfinder screen appears in the display.

Zoom

Zoom lets you temporarily enlarge the pictures you take. Increasing the Zoom (02 – 10) enlarges your pictures or videos (01 is normal).

Note: The Resolution setting affects zoom capabilities. When Resolution is set to **1280 X 960**, zoom is not available. When Resolution is set to any value lower than **1280 X 960**, zoom settings **01** – **10** are available.

▶ In camera or camcorder viewfinder screen, use the **Left** and **Right** navigation keys to adjust the Zoom (the screen image enlarges to show the affects of your changes).

The next time you press the OK key, the camera takes an enlarged picture or the camcorder takes an enlarged video according to your selected Zoom setting.

Brightness

Brightness lets you temporarily lighten the pictures you take. Increasing the Brightness (-4 – +4) lightens your pictures (0 is normal).

▶ In camera or camcorder viewfinder screen, use the Up and Down navigation keys to adjust the Brightness (the screen image lightens or darkens to show the affects of your changes).

The next time you press the OK key, the camera takes a lighter or darker picture or the camcorder records a lighter or darker video according to your selected Brightness setting.

The Photo Gallery

Saved pictures are stored in the My Images folder. You can browse the pictures one at a time (expanded mode), or view several pictures at once in thumbnail format.

1. In the Camera viewfinder screen, press the **My Images** (left) soft key ( ). Any pictures that you've saved appear in the display.
2. Use the navigation keys to browse pictures in the gallery.
3. Press the **Options** (right) soft key ( ) while viewing pictures in the Gallery. The following options appear in the display:
   - **Send** — Send the currently displayed or highlighted picture as a Picture message.
   - **Online Album** — Send the currently displayed or highlighted picture to the Online Album.
   - **Set As** — Assign the currently displayed or highlighted picture to Wallpaper, as an opening and closing (power on and power off) graphic, or as a photo ID for someone in your Contacts list.
   - **Slide Show** — Show the pictures as a full screen slide show.
   - **Rename** — Rename the currently displayed or highlighted picture.
   - **Move** — Relocate the currently displayed or highlighted picture from phone memory to a Memory Card or from a Memory Card to phone memory.
   - **Lock** / **Unlock** — Lock the currently displayed or highlighted picture so that it cannot be deleted, or unlock the picture so that it can be deleted.
   - **Erase** — Erase the currently displayed or highlighted picture, provided it is unlocked.
   - **Erase All** — Erase all of the unlocked pictures in the Picture Gallery. Locked pictures must be unlocked before you can erase them.
   - **Picture Info** — View the Title, time and date created, size, and resolution of the currently highlighted or displayed picture.
4. Use the navigation keys to highlight the desired option. Press the OK key to perform the function for the option or enter its sub menu.

Switch From Expanded to Thumbnail Mode

1. Use the navigation keys to highlight a picture that you wish to view full size, press the OK key.
2. Press the OK key to return to the thumbnail view of your photos.

Point, Click, and Send Pictures and Videos

Take a picture or record a video and send it to anyone with a compatible device in a few easy steps.

1. In standby mode, press the **Camera/Speakerphone** key ( ) to activate the camera.

   Press the **Camera/Speakerphone** key ( ) a second time to activate the camcorder.
2. Using the display as a viewfinder, take the desired picture or record the desired video by pressing the OK key.

   Press the OK key a second time to stop video recording.
3. Press the **Send** (OK) key. The **Create Pic Msg** or **Create Video Msg** screen appears in the display.
4. Enter the recipient's phone number or email address using the keypad.
5. Press the OK key to save the address(es) and move to the **Subject** field. Use the navigation keys to move to the other message fields. For more information, see "Messaging" on page 66.
6. When you are finished composing your message, press the **SEND** (OK) key to send the Picture or Video message to the intended recipients.

Section 10: Display

Topics Covered

- Display Settings
- Menu Style
- Wallpaper
- Clock Format
- Theme
- Dialing Font
- Banner
- Backlight
- Front Contrast

This section shows you how to change your phone's menu appearance, display brightness and contrast, and display content to better meet your needs.

Display Settings

You can set the menu style, standby mode animation, customize backlight settings, and more in the Display sub menu.

1. In standby mode, press the **MENU** key (OK), then press 5 jkl for **Display**. The following menus appear in the display:
   - **Menu Style** — Choose how main menus appear in the display when you press the **MENU** key (OK).
   - **Wallpaper** — Choose the images that appear in the background of your phone's front and main displays while your phone is closed or in standby mode.
   - **Clock Format** — Lets you select the format your phone will use to present the current time in your phone's front and main displays while your phone is closed or in standby mode.
   - **Theme** — Lets you select the color theme used to display menu screens and popup menus and messages.
   - **Dialing Font** — Lets you select the style and size of your dialing font.
   - **Banner** — Create your own personalized greeting that appears in the display when your phone is in standby mode.
   - **Backlight** — Set backlight options for the display and keypad.
   - **Front Contrast** — Lets you set front display contrast.

Tip: To launch the Display menu using a voice command — In standby mode, press and hold 0+ until the phone prompts, "**Say a command.**" Say "**Go to Display**" into the microphone.

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2. Use the navigation keys to highlight a sub menu.
3. Press the OK key to enter the highlighted sub menu. The following sections describe the Display sub menus in greater detail.

Menu Style

1. In standby mode, press the **MENU** key (OK), then press 5 jkl (for **Display**) and 1 for **Menu Style**. The following options appear in the display:
   - **Icon** — Shows all main menus as an array of icons.
   - **List** — Shows main menus in scrollable list (text) format.
2. Use the navigation keys to highlight **Icon** or **List**, then press the OK key.

Wallpaper

Wallpaper lets you choose the images that appear in the background of your phone's front and main displays while your phone is closed or in standby mode.

1. In standby mode, press the **MENU** key (OK), then press 5 jkl (for **Display**) and 2 abc for **Wallpaper**. The following options appear in the display:
   - **Main Display** — Lets you select a wallpaper image file that appears in the main display while your phone is in standby mode.

- **Front Display** — Lets you select a wallpaper image file that appears in the front display while your phone is closed.

Note: Your selected Front Display wallpaper only appears when you set the Front Display **Clock Format** to **Off**.

2. Use the navigation keys to highlight the desired display, then press the OK key. The following options appear in the display:
   - **My Images** — Lets you select an image that you've downloaded from the Internet as a wallpaper image.
   - **My Videos** — Main Display only — Lets you select a video clip (one that you've recorded with the camcorder in your phone) as a wallpaper image.
   - **Preset Images** — Lets you select an image that came preloaded with your phone as a wallpaper image.
3. Use the navigation keys to highlight the image type that you wish to use and press the OK key. An array of images appears in the display.
4. Use the navigation keys to highlight the image that you wish to use and press the OK key to save your selection.

Clock Format

Clock Format lets you choose the format your phone will use to present the current time in your phone's front and main displays while your phone is closed or in standby mode.

1. In standby mode, press the **MENU** key (OK), then press 5 jkl (for **Display**) and 3 def for **Clock Format**. The following options appear in the display:
   - **Main Display** — Lets you select the type of clock that appears in the main display while your phone is in standby mode.
   - **Front Display** — Lets you select the type of clock that appears in the front display while your phone is closed.
2. Use the navigation keys to highlight the desired display, then press the OK key. The following options appear in the display:
   - **Digital** — The current time appears as large numbers.
   - **Analog** — The current time appears as sweep hand positions on a clock image. Individual hours appear as Roman numerals (**I** – **XII**).

Note: When you select the **Analog** option for the **Front Display**, the current date does not appear in the front display, neither does any selected Front Display wallpaper.

When you select the **Digital** option for the **Front Display**, the selected wallpaper does not appear in the Front Display. To see your selected wallpaper in the Front Display, select the **Off** option.

- **Off** — The current time appears as small numbers.

3. Use the navigation keys to highlight the desired clock format and press the OK key. A "Clock Set" message appears in the display followed by the **Clock Format** menu.

Theme

Lets you select the color theme used to display menu screens and popup menus and messages. You can choose from a variety of color themes.

1. In standby mode, press the **MENU** key (OK), then press 5 jkl (for **Display**) and 4 ghi for **Theme**. The following options are available:
   - **Papaya**
   - **White**
   - **Black**
2. Use the navigation keys to show the available Color Themes (which appear in the preview screen), then press the OK key to save the selected Color Theme setting.

Dialing Font

Lets you select the style and size of your dialing font.

1. In standby mode, press the **MENU** key (OK), then press 5 jkl (for **Display**) and 5 jkl for **Dialing Font**. The following options appear in the display:
   - **Style** — Lets you select the font used to display the digits you dial.
     - **Normal**
     - **Quill Pen**
     - **Sticky**
     - **Color Dial**
   - **Size** — Lets you set the selected font size.
     - **Normal**
     - **Large**
2. Use the navigation keys to highlight the desired option and setting and press the OK key to save the selected setting.

Banner

Create your own personalized greeting that appears in the display while your phone is in standby mode.

1. In standby mode, press the **MENU** key (OK), then press 5 jkl (for **Display**) and 6 mno for **Banner**.

Tip: Press and hold CLR to erase an existing banner, if necessary.

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2. Enter a word or short phrase to appear in your phone's display while in standby mode (Up to 13 characters). (See "Entering Text" on page 47 for more information.)
3. Press the OK key to save the new banner.

Backlight

You can set the backlight for your display or keypad to remain on for a specified period of time or remain on as long as the folder is open.

Note: Prolonged backlight use drains your battery faster.

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1. In standby mode, press the **MENU** key (OK), then press 5 jkl (for **Display**) and 7 pqrs for **Backlight**. The following sub menus appear in the display:
   - **Main Display** — Sets the time the internal display backlight remains on after a period of inactivity. Optional settings are: **7 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
   - **Keypad** — Sets the amount of time the keypad backlight remains on after a period of inactivity. Optional settings are: **7 seconds**, **15 seconds**, **30 seconds**, **Always On**, and **Always Off**.
   - **Brightness** — Sets the brightness of the backlight to one of five possible settings.
2. Use the navigation keys to highlight the desired sub menu and press the OK key.
3. Use the navigation keys to change settings as desired the selected sub menu, and press the OK key to save your selection.

Front Contrast

Set the front display contrast to your preference.

1. In standby mode, press the **MENU** key (OK), then press 5 jkl (for **Display**) and 8 tuv for **Front Contrast**.
2. Use the navigation keys to adjust the contrast to one of the five available settings. The results of your adjustments appear in the front display.
3. Press the OK key to save your new contrast setting.

Section 11: Sounds

Topics Covered

- Volume
- Ringer Type
- Alerts
- Key Tone

This section shows you how to customize your phone's audio properties, such as ringers, keypad tones, alerts, shut down sounds, and more.

Tip: To launch the Sounds menu using a voice command — In standby mode, press and hold Ok until the phone prompts, "**Say a command.**" Say "**Go to Sounds**" into the microphone.

Volume

Use the Volume sub menu to set the default volume for incoming calls and alarms.

1. In standby mode, press the **MENU** key (OK), then press 6mno (for **Sounds**) and 1@ for **Volume**. The following options appear in the display:
   - **Voice Calls** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming calls.
   - **Messages** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to incoming messages.
   - **Alarms** — Lets you set your phone to be silent, play a sound, and/or vibrate in response to a preset alarm time being reached.
2. Use the navigation keys to highlight the desired option, then press the OK key.
3. Use the navigation keys or the up and down volume keys on the left side of your phone to select the volume level (**Ringer Off**, **Low**, **Low/Medium**, **Medium**, **Medium/High**, **High**) or vibrate mode (**Vibrate**, **Vibrate/High**) for the selected option.
4. Press the OK key to save the option setting.

Ringer Type

You can assign ring tones for calls, alarms, and other alerts in the Ringer Type sub menu.

1. In standby mode, press the **MENU** key (OK), then press 6mno (for **Sounds**) and 2abc for **Ringer Type**. The following ringer types appear in the display:
   - **Voice Calls**
   - **Messages**
2. Use the navigation keys to highlight a ringer type, then press the OK key. The following options appear in the display:
   - **My Ringtones**
   - **My Sounds**

Note: Your phone includes preloaded ringtones and sounds. You can download additional ringtones and sounds using **easy**edge[SM].

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3. Use the navigation keys to highlight the desired option, then press the OK key. A list of ringtones or sounds appears in the display.
4. Use the navigation keys to scroll through the ringtones and sounds for the selected ringer type.

   Press the **Play** (left) soft key (•••) to play each ringtone or sound.

5. Press the OK key to save the desired ringtone or sound as the selected Ringer Type.

Alerts

You can set your phone to sound an alert whenever you enter or leave your service area, connect or disconnect a call, and other options.

1. In standby mode, press the **MENU** key (OK), then press 6 mno (for **Sounds**) and 3 def for **Alerts**. The following options appear in the display:
   - **Minute Beep** — Sound an alert ten seconds before each elapsed minute of a call.
   - **Roaming** — Sound an alert when you leave your home service area while on a call.
   - **Call Connect** — Sound an alert when you connect a call.
   - **Power On/Off** — Sound an alert when you turn your phone one or off.
2. Use the navigation keys to highlight a sub menu, then press the OK key. The following available settings appear in the display:
   - **On**
   - **Off**
3. Use the **Up** and **Down** navigation keys to change the setting for the selected alert.
4. Press the OK key to save the new setting. Press CLR to retain the current setting.

Key Tone

Key Tone allows you to adjust the volume level and length of the tone that the keypad generates each time you press a key.

1. In standby mode, press the **MENU** key (OK), then press 6 mno (for **Sounds**) and 4 ghi for **Key Tone**. The following options appear in the display:
   - **Tone Level**
   - **Tone Length**

   Tone Level is highlighted.
2. Press the OK key to adjust the Key Tone level (volume).
   - Use the volume keys or navigation keys to set the tone level for keypad tones.
   - Press the OK key when the desired tone level setting is reached to save your setting. You are returned to the **Key Tone** sub menu.
3. Use the navigation keys to highlight **Tone Length**, then press the OK key.
   - Use the navigation keys to highlight **Short** or **Long**.
   - Press the OK key to save your setting. You are returned to the **Key Tone** sub menu.

Section 12: Multimedia

Topics Covered

- Accessing Multimedia
- My Images
- My Videos
- My Ringtones
- My Sounds
- My Music

This section outlines your phone's multimedia functions and key features associated with multimedia.

Accessing Multimedia

1. In standby mode, press the **MENU** key (OK), then press 7pqrs for **Multimedia**. The following Multimedia sub-menus appear in the display:
   - **Camera** — Lets you launch and set up your phone's camera. (See *"Camera-Camcorder"* on page 90 for more information.)
   - **Camcorder** — Lets you launch and set up your phone's camcorder. (See *"Camera-Camcorder"* on page 90 for more information.)
   - **My Images** — Lets you choose the multi-media or pictures that appear in your phone's display.
   - **My Videos** — Lets you choose the videos that appear in your phone's display.
   - **My Ringtones** — Lets you assign melody tones for calls, alarms, and other alerts.
   - **My Sounds** — Lets you assign melody tones for calls, alarms, and other alerts.
   - **My Music** — Lets you store, play, and manage MP3 music files.
2. Use the navigation keys to highlight a sub-menu.
3. Press OK to enter the highlighted sub-menu.

   The following sections describe the above listed sub-menus in greater detail.

My Images

My Images lets you choose the pictures that appear in your phone's display while in standby mode (wallpaper) and as picture IDs for your contacts.

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Multimedia**) and 3def for **My Images**.

   If there are no pictures stored in your phone or on a memory card, "**No Image**" appears in the **My Images** screen.

   If there are pictures stored in your phone or on a memory card, up to four thumbnail images of your pictures appear in the display.

Tip: You can also access My Images from:

-The Camera screen by pressing the **My Image** (left) soft key (•••)

-The **Edit Contact** screen by selecting the picture ID field and pressing the **Set** (left) soft key (•••)

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2. Use the navigation keys to highlight a picture.

   Press the OK key to expand the selected picture to full screen.
3. Press the **Options** (right) soft key (•••). A pop-up menu containing the following options appears in the display:

- **Send** — Lets you send the selected image to a specified recipient in a Picture message.
- **Online Album** — Lets you send the selected image to an Online Album on your wireless provider's server. For details, contact your wireless provider.
- **Set As** — Lets you assign the selected picture as the **Main Wallpaper**, **Front Wallpaper**, or as the **Picture ID** for a Contact.
- **Slide Show** — Shows the available images as a sequence of full-screen pictures.
- **Rename** — Lets you rename the picture.
- **Move** — Lets you move the picture from the phone to the memory card or from the memory card to the phone.
- **Lock** / **Unlock** — Lets you protect the picture from being deleted.
- **Erase** — Erases a selected picture.
- **Erase All** — Erases all pictures.
- **Picture Info** — Displays information about the picture, such as the picture **Name**, creation **Date** and **Time**, **Resolution**, and the data **Size**.

4. Use the navigation keys to highlight an option, then press the OK key to invoke the selected option.
5. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

My Videos

My Videos lets you take videos, review your videos, send them as video messages, and assign your videos as wallpaper on your phone.

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Multimedia**) and 4ghi for **My Videos**. The **My Videos** screen appears in the display.

   If there are no videos stored in your phone or on a memory card, "**No Video**" appears in the **My Videos** screen.

   If there are videos stored in your phone or on a memory card, up to four thumbnail images from your videos appear in the **My Videos** screen.
2. To take a new video, press the **Video** (left) soft key (•••). The camcorder view finder screen appears in the display. See *"Camera-Camcorder"* on page 90 for more information on recording videos.
3. To play a video, use the navigation keys to highlight a video, then press the **PLAY** (OK) key.
4. For more My Videos options, press the **Options** (right) soft key (•••). The following options appear in the display:

- **Send** — Lets you send the selected video to a specified recipient in a Video message.
- **Online Album** — Lets you send the selected video to an Online Album on your wireless provider's server. For details, contact your wireless provider.
- **Set As** — Lets you assign the selected video as the **Main Wallpaper**.
- **Rename** — Lets you change the name of the video.
- **Move** — Lets you move the video from the phone to the memory card or from the memory card to the phone.
- **Lock** / **Unlock** — Lets you protect the video from being deleted.
- **Erase** — Erases a selected video.
- **Erase All** — Erases all videos.
- **Video Info** — Displays information about the video, such as the video **Name**, creation **Date** and **Time**, **Resolution**, data **Size**, and the **Duration**.

5. Use the navigation keys to highlight an option, then press the OK key to invoke the selected option.
6. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

My Ringtones

My Ringtones lets you assign ringtones (preloaded and downloaded) for calls, alerts, and as distinctive ringers for Contacts.

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Multimedia**) and 5jkl for **My Ringtones**. A list of ringtones appears in the display.

Tip: You can also access My Ringtones from:

- A Set Alarm screen by selecting the Ringer option, highlighting the second (file name) field, pressing the Left or Right navigation key, and selecting My Ringtones
- The Edit Contact screen by selecting the Ringtone field, pressing the Set (left) soft key ( ), and selecting My Ringtones

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2. Use the navigation keys to highlight a particular ringtone.
   - Press the OK key to **PLAY** the ringtone.
   - Press the **Info** (right) soft key ( ) to show the file name and file type.
3. Press the **Set As** (left) soft key ( ) to assign the highlighted ringtone. The following options appear in the display:
   - **Ringtone** — Lets you assign the selected ringtone to incoming voice calls.
   - **Contact ID** — Lets you assign the selected ringtone as the distinctive ringer for a Contact.
   - **Alert Tone** — Lets you assign the selected ringtone to **All Messages**, **Text Message**, **Picture/Video Message**, or **Voicemail Msg**.

Use the navigation keys to highlight an option, then press the OK key.

4. When using a downloaded ringtone, press the **Options** (right) soft key ( ) and the following options appear in the display:
   - **Lock** / **Unlock** — Lets you prevent/permit file deletion
   - **Erase** — Erases the selected file
   - **Rename** — Lets you rename the selected file
   - **Ringtone Info** — Displays information about the selected file, such as the file name, the file type, and the data size

   Use the navigation keys to highlight an option, then press the OK key.
5. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

My Sounds

My Sounds lets you record voice memos and lets you assign preloaded and downloaded sound files as ringers for calls, alarms, and other alerts.

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Multimedia**) and 6mno for **My Sounds**. **Record New** and a list of sound files appears in the display.

Tip: You can also access My Sounds from:

- A **Set Alarm** screen by selecting the **Ringer** option, highlighting the second (file name) field, pressing the Left or Right navigation key, and selecting **My Sounds**
- The **Edit Contact** screen by selecting the Ringtone field, pressing the **Set** (left) soft key ( ), and selecting **My Sounds**

Note: Recorded sound files (voice memos) do not appear in these lists.

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2. Use the navigation keys to highlight the **Record New** option, then press the OK key to record a voice memo. (See *"In-Use Menu"* on page 29 for more information.)
3. Press the **Options** (right) soft key ( ).
   - For a recorded sound file, a pop-up menu containing the following options appears in the display:
     - **SEND** — Lets you send the selected sound file to a specified recipient in a Picture message.
     - **Online Album** — Lets you send the selected sound file to an Online Album on your wireless provider's server. For details, contact your wireless provider.
     - **Rename** — Lets you rename the sound file.
     - **Lock** / **Unlock** — Lets you protect the sound file from being deleted.
     - **Erase All** — Erases all sound files.

- **Sound Info** — Displays information about the sound file, such as the file title, file size, file type, date, and time.

- For a preloaded sound file, a pop-up menu containing the following options appears in the display:
  - **SEND** — Lets you send the selected sound file to a specified recipient in a Picture message.
  - **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, Picture, or Voicemail messages.
  - **Erase All** — Erases all sound files.
  - **Sound Info** — Displays information about the sound file, such as the file name, file type, and the data size.
- For a downloaded sound file, the following options appear in the display:
  - **Set As** — Lets you assign the selected sound file as the **Ringtone** or as the **Contact ID** for a Contact or an **Alert Tone** for Text, Picture, or Voicemail messages.
  - **Rename** — Lets you rename the sound file.
  - **Lock** / **Unlock** — Lets you protect the sound file from being deleted.
  - **Erase All** — Erases all sound files.
  - **Sound Info** — Displays information about the sound file, such as the file name, file type, and the data size.

Use the navigation keys to highlight an option and press the OK key.

4. Press the CLR key to return to the previous menu, or press the END key to return to standby mode.

My Music

My Music lets you save and play downloaded MP3 files on your memory card.

1. In standby mode, press the **MENU** key (OK), then press 7pqrs (for **Multimedia**) and 7pqrs for **My Music**. A list of your MP3 files on the memory card appears in the display.
2. Use the navigation keys to highlight a file and press the OK key.

Section 13: Tools

Topics Covered

- Tools Menu
- Voice Service
- Bluetooth
- Calendar
- Memo Pad
- Alarm Clock
- World Time
- Calculator
- Stop Watch
- Converter
- Tip Calculator

This section explains how to use your phone's digital assistant functionality to schedule events, set reminders, create a "to do" list, perform calculations, and more.

Tools Menu

Tools is a suite of Personal Information Manager (PIM) applications such as a Calendar, and Memo Pad that run on your phone. You can use your phone to schedule events, set reminders, create a to do list, perform calculations, and more with the functions provided by this useful feature.

Opening Tools Menu

1. In standby mode, press the **MENU** key (OK), then press 8 tuv for **Tools**. The following sub-menus appear in the display:
   - **Voice Service** — Lets you access voice recognition functions.
   - **Bluetooth** — Lets you access Bluetooth functions.
   - **Calendar** — Lets you view the current, past, or future month in a monthly calendar layout.
   - **Memo Pad** — Lets you store and review useful information.
   - **Alarm Clock** — Lets you set an alarm to go off once, or daily, at a specified time.
   - **World Time** — Lets you view the current time of day or night in another part of the world.
   - **Calculator** — Lets you perform calculations, including addition, subtraction, multiplication, and division.
   - **Stop Watch** — Lets you view the amount of time.
   - **Converter** — Lets you convert currencies (according to the latest rates) and weights, measures, and temperatures from one system or increment to another.
   - **Tip Calculator** — Lets you quickly calculate service gratuities with a minimum of keypresses.

Tip: To launch the Tools menu using a voice command — In standby mode, press and hold 0 oper until the phone prompts, "**Say a command.**" Say "**Go to Tools**" into the microphone.

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2. Use the navigation keys to highlight an application, then press the OK key.

   The following sections provide detailed descriptions of the applications and how to use their functions.

Voice Service

VoiceSignal is state-of-the-art voice recognition software for your mobile phone that lets you dial numbers, lookup contact information, and open applications using your voice. To access your phone's voice settings, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 for **Voice Service**. The following options appear in the display:
   - **Voice Commands**—Lets you place calls, access your Contacts List, review your appointments, and more by speaking commands into your phone. Also see

"Voice Dialing" on page 25 and "Voice Method" on page 53 for more information.

- **Voice Settings**—Lets you tailor VoiceSignal to better respond to your voice and your phone use preferences.

2. Use the navigation keys to highlight the desired sub-menu, then press OK.

Voice Commands

To start VoiceSignal, do one of the following:

- In standby mode, press and hold the 0+ key.

  "**Say a Command**" appears in the display and is pronounced through the earpiece, followed by a list of available commands.
- In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 (for **Voice Service**), and 1 for **Voice Command**.

Note: You can also set your phone to start VoiceSignal when you open the phone. See "Voice Launch" on page 132 for more information.

VoiceSignal includes the following commands:

- **Call** — Lets you dial the phone by saying any name stored in your contact list, without ever having to record, or "train" that name. VoiceSignal automatically voice-activates all your contacts, even if you have hundreds of them stored on your phone. You can also dial any telephone number, even if it is not stored in your contact list, by saying the digits in the number. (See "Voice Dialing" on page 25 for more information.)
- **Send Text** — Lets you launch the **Create Text Msg** screen. (See "Create and Send Text Messages" on page 67 for more information.)
- **Send Picture** — Lets you launch the **Create Pic Msg** screen. (See "Send Picture Messages in Camera Mode" on page 68 for more information.)
- **Lookup** — Lets you look up and display contact information for any name stored in your Contacts list by saying the name. (See "Finding a Contacts Entry" on page 53 for more information.)
- **Go to** — Lets you access all of the Main Menus on your phone.
- **Check** — Lets you check your phone's status (that is, network coverage, signal strength, and battery in the same report), network coverage, signal strength, battery, and phone number.

Note: Speaking clearly, say the command that you want to use. If, after a few seconds, the device has not recognized a command, it prompts you to repeat the command. If, after a few more seconds, it still has not recognized a command, it tells you "**Sorry, no match found**," and cancels voice recognition.

Voice Command Tips:

- Make sure you wait for the beep before speaking.
- Speak clearly at a normal volume, as if you were talking on the phone.

Voice-Activating Your Contacts List

When you first start VoiceSignal, it reads your Contacts list and voice-activates all the names stored there. When you have add or change contacts, VoiceSignal automatically reloads and voice-activates the entire list.

Ending Calls Before Restarting the VoiceSignal Software

When you use VoiceSignal to make a call, you must end that call before you can use VoiceSignal again.

Voice Settings

Choice Lists

VoiceSignal uses choice lists when it is not confident it has correctly recognized a name or number. In this case, it can display a list of up to three possible choices, and prompt you to confirm the correct one.

You can change the way that VoiceSignal uses choice lists with name dialing, digit dialing, and contacts. For each feature, you can choose to always see a choice list (even if there is only one choice), or never see a choice list (even if there are multiple choices). If you leave the setting at "Automatic," VoiceSignal displays a choice list only when it is not confident it has correctly recognized the name or number.

To change the way VoiceSignal uses choice lists:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 (for **Voice Service**), 2 abc (for **Voice Settings**), and 1 for **Choice Lists** the following options appear in the display:
   - **Automatic**—VoiceSignal displays a choice list only when it is not sure if it has correctly recognized the name or number.
   - **Always On**—VoiceSignal always displays a choice list, even when there is only one choice.
   - **Always Off**—VoiceSignal never displays a choice list.

   Use the navigation keys to highlight the Choice List behavior you prefer, then press the OK key to accept the new setting.

Sensitivity

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 (for **Voice Service**), 2 abc (for **Voice Settings**), and 2 abc for **Sensitivity**. The **Sensitivity** screen appears in the display.

2. Use the navigation keys to adjust the selected Sensitivity setting toward **Reject More** spoken commands or names or toward **Reject Less** spoken commands or names.
3. Press the OK key to accept the new setting.

Digit Dialing

If you regularly have trouble with VoiceSignal not recognize the numbers you say, try adapting digit dialing to your voice. Adapting can improve the accuracy of digit recognition, especially for people with strong regional accents.

Note: After you adapt Digit Dial, your phone is customized to your voice, and your voice only. Others will not be able to use it unless they reset the phone to factory defaults.

Adaptation involves recording several sequences of four digits each. The recording process takes about a minute.

Tips for Adapting Digit Dialing

- Use Adapt Digits in a quiet place.
- Make sure you wait for the beep before starting to speak.
- Speak clearly, and say each digit distinctly.
- If you make a mistake while recording a sequence of digits, or if there is an unexpected noise that spoils the recording, re-record that sequence.
- Only adapt digits if you are regularly having problems with digit dialing. Once you adapt, digit dialing will not work as well for other people using your phone. (You can always reset digit adaptation to its original state, as described below.)

Adapt Digits

To adapt digit dialing, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 @ (for **Voice Service**), 2 abc (for **Voice Settings**), and 3 def for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Adapt Digits**, then press the OK key. Your phone displays the first digit sequence and "**Please say**" plays through the speaker followed by the four digits appearing in the display.
3. Wait for the beep and say the digits using your normal tone of voice. After a moment, the phone plays back the recording and prompts "Did the recording sound ok?"
   - If the recording was good, say "**Yes**."

- If you need to re-record, say "**No**."

If you say "**No**," the phone prompts you to pronounce the digits again. Wait for the beep and then say the digits.

Repeat this step until you're satisfied with the recording.

4. After confirming that the recording sounds "ok", continue the recording process with the next set of digits.
5. After six sets of digits, the phone asks whether you want to do more adaptation. Answer "**Yes**."
6. Repeat steps 4 and 5 for another six sets of digits. After the second group of six sets of digits, "**Adaptation complete**" plays through the speaker and you are returned to the **Adapt Digits** menu.

Reset Digits

To reset digit dialing to factory default settings, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 (for **Voice Service**), 2 abc (for **Voice Settings**), and 3 def for **Digit Dialing**. The following options appear in the display:
   - **Adapt Digits**
   - **Reset Digits**
2. Use the navigation keys to highlight **Reset Digits**, then press the OK key. The phone prompts you to confirm digit rest.
3. Use the navigation keys to select **Yes** to reset your digit adaptation, or **No** to cancel.
4. Press the OK key to reset digit dialing and exit.

Sound

Sound lets you specify what (if any) text prompts you want your phone to read to you through the earpiece.

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 (for **Voice Service**), 2 abc (for **Voice Settings**), and 4 ghi for **Sound**. The following options appear in the display:
   - **Prompts** — Enables (On) or disables (Off) audio prompts.
   - **Digits** — Enables (On) or disables (Off) audio digit playback.
   - **Names** — Enables (On) or disables (Off) audio name playback.
   - **Name Settings** — Lets you adjust the speed and volume of your phone's audio name playback.
2. Use the navigation keys to highlight the desired setting.
3. Press the OK key to accept the new setting.

Voice Launch

To set the key or action that launches VoiceSignal, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 (for **Voice Service**), 2 abc (for **Voice Settings**), and 5 jkl for **Voice Launch**. The following options appear in the display:
   - **Key Only** — Press and hold 0 to activate VoiceSignal for one call.
   - **Key/Ear Mic** — Attach a headset to your phone. Press and hold 0 to activate VoiceSignal. Now, you can make and end calls using VoiceSignal by pushing the button on the headset.
   - **Key/Flip** — Press and hold 0 to activate VoiceSignal. Now, you can make and end calls using VoiceSignal by opening and closing your phone.
2. Use the navigation keys to highlight the option you want, then press the OK key to save and exit.

About VoiceSignal

This option causes the **About VoiceSignal** screen to appear in the display, showing version and build information about the VoiceSignal software included on your phone.

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 1 (for **Voice Service**), 2 abc (for **Voice Settings**), and 6 mno for **About**.

   The **About VoiceSignal** screen appears in the display showing the version level of the VoiceSignal software currently installed on your phone.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you don't need to line up the devices to beam information with Bluetooth. If the devices are within a range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Turn Bluetooth On/Off

When the Bluetooth is turned on, you can use the Bluetooth features available. When the Bluetooth is turned off, you cannot send or receive information via Bluetooth. To save battery life or in situations where Bluetooth use is prohibited, such as airline traveling, you can turn off the Bluetooth wireless technology headset.

Add New Device

To search for available Bluetooth device(s:,

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 2 abc for **Bluetooth**. The following options appear in the display:
   - **Add New Device**
   - **Registered List**
   - **Bluetooth Settings**
2. Highlight **Add New Device** and press the OK key.

   If Bluetooth is off, you are prompted to "Turn Bluetooth on?". Press the **Yes** (left) soft key (•••) to turn Bluetooth on. Press the **No** (right) soft key (•••) to leave Bluetooth off.

   "Place device you are connecting to in discoverable mode" appears in the display.
3. Place the Bluetooth device in discoverable mode. (See the device user manual for more information.)
4. Press the OK key. Names of the available devices appears in the display.
5. Use the navigation keys to highlight the device you want to pair with your phone.
6. Press the **PAIR** key (OK) to pair the selected device with the phone. You are prompted to enter the passkey or PIN for the selected device.
7. Enter the device passkey or PIN and press the OK key.

Registered List

This menu provides a list of Bluetooth wireless technology devices discovered by your handset.

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 2 abc for **Bluetooth**. The following options appear in the display:
   - **Add New Device**
   - **Registered List**
   - **Bluetooth Settings**
2. Highlight **Registered List** and press the **Select** soft key or the OK key.

Connecting to a Bluetooth Device

From the Device list,

1. Highlight the device and press the OK key.
2. If you are unable to pair with the device a popup appears in the display. Press the **Yes** soft key to retry.

Bluetooth Settings

Enable/Disable

Selecting this option turns Bluetooth on or off.

Discovery Mode

Allows other users to see your accessibility. Select **On** for other devices to see your device, or **Off** for no visibility.

Device Name

Shows the handset name. You may change this name. Enter the text and press the OK key.

Device Info

Shows the Bluetooth Type, Status, and Address of your phone.

Calendar

Calendar lets you view the current, past, or future month in a monthly calendar layout. While viewing the calendar, the current date is highlighted and days with scheduled events are surrounded by a box.

View an event

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 3 def for **Calendar**.

   A calendar appears in the display with the current date highlighted. The month and year also appear.
2. Use the navigation keys to move around within the calendar.
   - Press the OK key to open the highlighted date.
   - Press the volume up key (▲) to view previous months.
   - Press the volume down key (▼) to view future months.
   - Press the **Options** (right) soft key (•••) while viewing the calendar. The following options appear in the display:
     - **Go to Date** — Lets you jump to any date you specify.
     - **Go to Today** — Lets you jump to today's date.
     - **Erase Old** — Lets you erase past events.
     - **Erase all** — Lets you erase all events.
   - Use the navigation keys to highlight the desired option, then press the OK key to select the highlighted option and perform the related process.

Add a New Event

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 3 def for **Calendar**.

A calendar appears in the display with the current date highlighted. The month and year also appear.

2. Use the navigation keys to highlight the date of the new event.
3. Press the **Add** (left) soft key ( ). The **New Event** screen appears in the display.
4. Use the navigation keys and the keypad to select and enter details of the event. (See "Entering Text" on page 47 for more information.)
5. Enter the start and End dates and times for the event using the keypad. Enter the dates and times for the event using 2 digits for day, month, hour, and minute entries. Use 4 digits for year entries.
6. Use the **Left** and **Right** navigation keys to change between **AM** and **PM**.
7. When you're finished entering the dates and times, use the **Up** and **Down** navigation keys to highlight the **Alert** field. Use the **Left** and **Right** navigation keys to select a type of alert.
8. Use the **Up** and **Down** navigation keys to highlight the **Reminder** field. Use the **Left** and **Right** navigation keys to select the Reminder off or to select a reminder interval.
9. Use the **Up** and **Down** navigation keys to highlight the **Alert time** field. Use the **Left** and **Right** navigation keys to select the amount of time before the event occurs that you wish to be notified by an alert.
10. Press the OK key to store the event in your calendar. An alert will notify you prior to the event, if you set a notification alert.

Memo Pad

You can create a notes and store them in Memo Pad. You can't prioritize or set an alert for stored notes. Return to Memo Pad anytime you wish to review and edit your notes.

Add a Memo

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 4 ghi for **Memo Pad**.
2. If you have any stored memos, they appear as a list in the display. If this is your first time in **Memo Pad**, "**No memos**" appears in the display. Press the **Add** (left) soft key ( ) to add a new memo.
3. Enter a memo using the keypad. (See "Entering Text" on page 47 for more information.)

4. When you're finished entering details for the memo, press the OK key. The memo is saved.

View, Edit, and Erase Memos

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 4 ghi for **Memo Pad**.
2. Use the navigation keys to highlight a memo.
3. To view the memo, press the **VIEW** (OK) key.
4. To edit the memo you are viewing, press the **Edit** (left) soft key (•••).

   Edit the memo using the keypad. (See "Entering Text" on page 47 for more information.)
5. To erase the memo you are viewing, press the **Options** (right) soft key (•••), then select the **Erase** option.

   You are prompted to verify the erasure. Press the **Yes** (left) soft key (•••) to erase the memo. Press the **No** (right) soft key (•••) to keep the memo.

Alarm Clock

Your phone has an alarm clock that can be set to go off once, or daily at a specified time. Once set, the alarm clock is easy to change or turn off completely.

Note: The alarm doesn't function when the phone is turned off. If the time for an alarm that was set for Once has elapsed and the phone is off, the alarm occurs at the same time on the following day.

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1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 5 jkl for **Alarm Clock**. The following options appear in the display:
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
2. Use the navigation keys to highlight an Alarm selection, then press the OK key. A Set Alarm screen appears in the display containing the following options:
   - **Alarm**
   - **Time**
   - **Frequency**
   - **Ringer**

   Use the **Up** and **Down** navigation keys to select options, and use the **Left** and **Right** navigation keys to select values for the options.

Use the keypad to enter the time for the alarm.

3. Press the OK key when you're finished entering the time for the alarm. The alarm is set and the alarm icon ( ) appears in the top of the display.

When an Alarm Sounds

An animated alarm clock appears in the display with the options **Snooze** or **Dismiss**, and an alert sounds when the specified time for the alarm arrives.

▶ Use the navigation keys to highlight **Dismiss**, then press the OK key to silence the alarm.

- If the alarm was set as a Daily alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Mon.-Fri., the alarm icon remains in the top of the display.
- If the alarm was set as a Weekends only alarm, the alarm icon remains in the top of the display.
- If the alarm was set as a Once only alarm, the alarm icon disappears from the top of the display.

Turn Off the Alarm

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 5 jkl for **Alarm Clock**. The following options appear in the display:
   - **Alarm 1**
   - **Alarm 2**
   - **Alarm 3**
2. Use the navigation keys to highlight an active Alarm selection, then press the OK key.
3. The **Alarm** option is highlighted, use the **Left** and **Right** navigation keys to select **Off**, then press the OK key. Select alarm is turned off.

World Time

World Time lets you view the time of day or night in another part of the world. World Time displays time in the 24 different time zones around the world.

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 6 mno for **World Time**. A world map appears in the display.

2. Use the Left and Right navigation keys to display the time zone and city that you wish to view. The following time zones/cities are supported:

EST/EDT: Detroit Washington D.C New York Montreal Boston	Caracas	Brasilia	Mid Atlantic
Cape Verde	London	Paris	Rome
Berlin	Athens	Helsinki	Jerusalem
Moscow	Baku	Abu Dhabi	Tashkent
Alma-ata	Bangkok	Jakarta	Hong Kong
Beijing	Seoul	Tokyo	Guam
Sydney	Okhotsk	Wellington	Samoa
Midway	**HAST/HADT:** Honolulu Hawaii	**AKST/AKDT:** Alaska	**PST/PDT:** Seattle San Francisco Los Angeles
MST/MDT: Denver Arizona	**CST/CDT:** Dallas Chicago Houston Mexico City		

3. Press the **Options** (right) soft key ( ) select to display (**DST On**) or not display (**DST Off**) Daylight Savings Time (DST) for the selected time zone.
4. Do one of the following:
   - Press the OK key to set the selected time zone as the home time zone for your phone.
   - Press the CLR key to return to the Tools menu.

Calculator

You can perform calculations, including addition, subtraction, multiplication, and division using your phone.

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and 7 pqrs for **Calculator**. The **Calculator** appears in the display.
2. Enter the first number in your equation using the keypad (numbers can be up to nine digits long).

- Press * to enter a decimal point. (Calculator only accepts 2 digits after a decimal point.)
- Press # to change the sign for a number to a negative.

3. Use the navigation keys to set the type of calculation that you wish to perform. Your choices are as follows:
   - **Up** navigation key — [**x**] Multiplication
   - **Left** navigation key — [**-**] Subtraction
   - **OK** key — [**=**] Equals/Total
   - **Right** navigation key — [**+**] Addition
   - **Down** navigation key — [**÷**] Division

   For nested operations [such as (1.81 + 9.34) / 5.22] and to calculate powers (such as 3^2), press the **Operator** (right) soft key ( ). The following options appear in the display:
   - **(** — Beginning of nested operation
   - **)** — Ending of nested operation
   - **Power** — Raise the current number to the power of your next entry
4. Use the keypad to enter the second number into your equation.
5. Repeat steps 3 and 4 as needed.
6. Press the OK key to perform the calculation and view the result.

   To clear your last operation or number entry, press the CLR key.

   To clear all of your entries, press the **Clear** (left) soft key ( ).

Stop Watch

You can use this menu to set a stop watch.

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 8 tuv for **Stop Watch**.
2. Press the OK key to start, stop, and resume the stopwatch count.
3. Press the **Record** (left) soft key ( ) at the start of each succeeding event/lap to record the completion time for the previous event/lap.
4. Press the **Reset** (right) soft key ( ) to erase all stop watch (lap) times recorded.

Converter

The conversion menu provides the following conversion categories:

- Currency
- Length
- Weight

- Volume
- Area
- Temperature

To convert a currency, length, weight, volume, area, or temperature, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 9 wxyz for **Converter**.
2. Use the navigation keys to highlight the conversion feature you wish to use, then press the OK key.
3. Use the navigation keys to select the units to be converted **From** and **To**.
4. Enter the quantity you want converted in the **From** field. The converted quantity appears in the **To** field.

Note: To include a decimal point, press the * key.

Currency — Reviewing/Editing Exchange Rates

The Currency Converter includes long-term average exchange rates as default values. To review and/or change a default exchange rate to the current exchange rate, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 9 wxyz (for **Converter**), and 1 for **Currency**.
2. Use the navigation keys to select the currency to be converted **From**.
3. Press the **Rate** (left) soft key (•••). The **Exchange Rate** list for the **From** currency appears in the display.
4. Press the OK key to edit the exchange rate.
5. Use the **Up** and **Down** navigation keys to highlight the currency to be converted **To**, then change the current exchange rate.
6. Press the OK key to save the changed exchange rate.
7. Press the CLR key to return to the Currency Converter screen.

Currency — Adding Exchange Rates

You can use the Currency Converter to convert from and to obscure currencies by adding exchange rates for these currencies. To add a currency and its exchange rate to the Currency Converter, do the following:

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**), and 9 wxyz (for **Converter**), and 1 for **Currency**.

2. Press the **Rate** (left) soft key ( ). The **Exchange Rate** list for the **From** currency appears in the display.
3. Press the **Add** (left) soft key ( ). The **Add Exchange Rate** screen appears in the display with the **Base** field highlighted.
4. Use the **Left** and **Right** navigation keys to select the **Base** currency to be converted from.
5. Press the **Down** navigation key to highlight the **Currency** field.
6. Enter an identifier of up to 5 characters for the new currency using the keypad. (See "Entering Text" on page 47 for more information.)
7. Press the **Down** navigation key to highlight the **Exchange Rate** field.
8. Enter a decimal exchange rate for the new currency using the keypad.

Note:

Press the key to enter the decimal point.

The Exchange Rate field only accepts two digits after the decimal point.

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9. Press the key to save the new exchange rate.

Currency — Erasing Exchange Rates

You cannot erase the preloaded currencies from the Exchange Rate list. You can erase a currency that you have added to the list by doing the following:

1. In standby mode, press the **MENU** key ( ), then press 8 tuv (for **Tools**), and 9 wxyz (for **Converter**), and 1 for **Currency**.
2. Press the **Rate** (left) soft key ( ). The **Exchange Rate** list for the **From** currency appears in the display.
3. Use the **Up** and **Down** navigation keys to highlight the currency exchange rate to be erased.
4. Press the **Erase** (right) soft key ( ). You are prompted to confirm the erasure.
5. Press the **Yes** (left) soft key ( ) to erase the selected exchange rate or press the **No** (right) soft key ( ) to return to the Exchange Rate list.

Tip Calculator

Tip Calculator automatically calculates the following amounts:

- Gratuity (tip)
- Individual payment (for groups)

Calculations are based on the total amount of the check, a selected percentage, and the number of people paying.

1. In standby mode, press the **MENU** key (OK), then press 8 tuv (for **Tools**) and (0 +) for **Tip Calculator**. The Tip Calculator screen appears in the display with the **Bill** field highlighted.
2. Use the keypad to enter the total amount of the bill.
3. If needed, press the Down navigation key to highlight the **Tip** field.
4. Use the keypad to enter a tip percentage.
5. If needed, press the Down navigation key to highlight the **# Paying** field.
6. Use the keypad to enter the number of persons paying.
7. The amount of the Tip, the bill Total, and the amount each person should pay appear in the lower half of the screen.

Section 14: Changing Your Settings

Topics Covered

- Location
- Call Settings
- Phone Settings
- Memory Info
- Phone Info

This section explains how to customize your phone to suit your needs and preferences.

Tip: To launch the Settings menu using a voice command — In standby mode, press and hold Ons until the phone prompts, "**Say a command.**" Say "**Go to Settings**" into the microphone.

Location

This function identifies your location to the network via the Global Positioning System (GPS). You can set this function for continuous operation or to operate only in the event that you dial 911.

Note: Contact U.S. Cellular to determine whether, when, or where location-based services are available.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 1 for **Location**.

   The following options appear in the display:

   - **Location On** — GPS location setting is on whenever you make or receive a call, wherever the feature is available.
   - **911 Only** — GPS location setting is on only when you dial 911.
2. Use the navigation keys to highlight the option you want.
3. Press the OK key to select the desired Location setting. You're returned to the **Settings** menu.

Call Settings

Call Answer

You can select a specific answer mode when you receive an incoming call. Your phone can be preset to answer when you do any of the following:

- Press any key
- Press the Send key
- Open the flip

4. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 2abc (for **Call Settings**), and 1 for **Call Answer**. The **Call Answer** sub-menu with the following options appears in the display:
   - **Any Key** — Press any key except the END, , or left soft key ( ) to answer an incoming call.
   - **Send Key** — Press SEND to answer an incoming call.
   - **Flip Open** — Open the flip to answer an incoming call.

Tip: You can set your phone to answer calls automatically, without any input from you. (See "Auto Answer" on page 145 for more information.)

5. Use the navigation keys to highlight the method you wish to use for answering calls, then press the OK key.

Auto Answer

Auto Answer enables your phone to automatically answer calls after a period of time that you specify.

1. In standby mode, the **MENU** key (OK), then press 9wxyz (for **Settings**), and 2abc (for **Call Settings**), and 2abc for **Auto Answer**. The following options appear in the display:
   - **Off** — Disables automatic answering of calls
   - **After 1 Second** — Phone automatically answers calls after 1 second
   - **After 3 Seconds** — Phone automatically answers calls after 3 seconds
   - **After 5 Seconds** — Phone automatically answers calls after 5 seconds
2. Use the navigation keys to highlight the desired setting, then press the OK key.

Auto Retry

Auto Retry automatically re-dials a number if the connection fails. Depending upon your location, the number of times your phone automatically dials the number may vary.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 2abc (for **Call Settings**), and 3def for **Auto Retry**. The **Auto Retry** sub-menu with the following options appears in the display:
   - **Off** — Disables automatic redialing of numbers
   - **Every 10 Seconds** — Phone automatically redials a number every 10 seconds
   - **Every 30 Seconds** — Phone automatically redials a number every 30 seconds
   - **Every 60 Seconds** — Phone automatically redials a number every 60 seconds
2. Use the navigation keys to highlight the desired setting, then press the OK key.

TTY Mode

Your phone is fully TTY compatible. TTY equipment is connected to your phone through the headset connector on the left side of the phone. TTY must be enabled before you can use your phone with a TTY device.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 2abc (for **Call Settings**), and 4ghi for **TTY Mode**. You are prompted to confirm you want to change the current TTY Mode setting.

Note: The "**Enabling TTY may impair headset use and non-TTY accessory performance**" message pops up when you select **TTY Mode**.

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2. Press the **Yes** (left) soft key ( ) to access the TTY Mode options or press the **No** (right) soft key ( ) to return to the **Call Settings** sub-menu.
3. If you press the **Yes** (left) soft key ( ), the following options appear in the display:
   - **TTY Full** — Enables TTY mode and disables microphone and earpiece
   - **TTY + Talk** — Enables TTY mode and microphone
   - **TTY + Hear** — Enables TTY mode and earpiece
   - **TTY Off** — Disables TTY mode
4. Use the navigation keys to highlight your selection and press the OK key to save your selection.

Note: The TTY icon ( ) appears in the top of the display when the phone is in standby mode.

Voice Privacy

Voice Privacy when enabled (that is, set to **Enhanced**), turns on advanced voice encryption.

1. In standby mode, press the **MENU** key (OK), then press 9 wxyz (for **Settings**), and 2 abc (for **Call Settings**), and 5 jkl for **Voice Privacy**. The following options appear in the display:
   - **Standard** — Voice privacy is disabled
   - **Enhanced** — Voice privacy is enabled
2. Use the **Up** and **Down** navigation keys to highlight the Voice Privacy option of your choice, then press OK. Your settings are saved.

Data Settings

Use the **Data Settings** menu to configure data connection settings.

1. In standby mode, press the **MENU** key (OK), then press 9 wxyz (for **Settings**), and 2 abc (for **Call Settings**), and 6 mno for **Data Settings**.
2. The following options appear in the display:
   - **Data Off** — No incoming data calls accepted.
   - **Data For Next Call** — Wait for data call for the next 10 minutes.
   - **Data Until Powered Off** — Data calls only, no voice calls accepted, until you power the phone off and on again.
3. Use the **Up** and **Down** navigation keys to highlight the data setting of your choice, then press OK. Your setting is saved.

International Dialing

International dialing shows a list of international dialing codes for frequently dialed countries. You can bookmark a code of your choice, and that code will be highlighted when show this list.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 2abc (for **Call Settings**), and 7pqrs for **International Dialing**. The following options appear in the display:
   - **U.K (44)**
   - **Germany (49)**
   - **Korea South (82)**
   - **Japan (81)**
   - **China (86)**
   - **Brazil (55)**
   - **Australia (61)**
   - **France (33)**
2. Use the Navigation key to highlight your selection and press OK.

Phone Settings

Airplane Mode

When set to **On**, Airplane Mode disables all radio functions of your phone. This prevents you from receiving or making calls (except emergency calls), but allows you to use other features (such as the camera and the Tools) safely in sensitive environments, such as on board an aircraft.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 1 for **Airplane Mode**.The following options appear in the display:
   - **Off** — Enables the radio transmitter and receiver in your phone
   - **On** — Disables the radio transmitter and receiver in your phone
2. Use the navigation keys to highlight the desired option, then press the OK key to save your setting.

Shortcut Key

Shortcut Key lets you set which feature, function, or application launches when you press the Up navigation key while in standby mode.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 2abc for **Shortcut Key**.The following options appear in the display:
   - **My Images**

- **My Ringtones**
- **My Sounds**
- **Inbox**
- **Tools**
- **Calculator**
- **Tip Calculator**
- **Converter**
- **Calendar**
- **Alarm Clock**
- **Stop Watch**

2. Use the navigation keys to highlight the desired option, then press the OK key to save your setting.

Language

The language option on your phone can change the language of voice prompts, menus, and key-input.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 3def for **Language**. The following options appear in the display:
   - **English**
   - **Español**
2. Use the navigation keys to highlight your language preference, then press the OK key.

Security

Use the Security menu to lock your phone, set up emergency numbers, enable or disable voice privacy, set restrictions, as well as other security options.

Lock Phone

Locking the phone limits all outgoing calls except calls to 911 emergency and the three user-programmable emergency numbers. You can lock the phone manually during use, or set the phone to lock automatically when it is turned on. With the phone in lock mode, you can answer incoming calls, but you must unlock the phone to place outgoing calls (except to emergency and secret numbers).

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 4ghi for **Security**. You're prompted to enter the lock code.

Tip: The default lock code is the last four digits of your telephone number.

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2. Press 1 for **Lock Phone**. The following Device Lock Mode options appear in the display:
   - **Lock** — Locks the phone immediately (The phone stays locked until you enter the lock code.)
   - **Unlock** — Unlocks the phone
   - **On Power up** — The phone locks automatically the next time your phone is powered on (The phone stays locked until you enter the lock code.)
3. Use the navigation keys to highlight the Device Lock Mode option of your choice.
4. Press the OK key to perform the function for the highlighted option.

Change Lock

The default lock code for your phone is generally the last four digits of your phone number. It is advisable to change the default lock code to a secret code for security purposes.

1. In standby mode, press the **MENU** key (OK), then press 9 (for **Settings**), and 3 (for **Phone Settings**), and 4 for **Security**. You're prompted to enter the lock code.

Tip: The default lock code is the last four digits of your telephone number.

2. Press 2 for **Change Lock**. You're prompted to enter the new lock code.
3. Enter the new lock code. You're prompted to re-enter the new lock code for verification.
4. Enter the new lock code again. Your changes are stored.

Note: Your phone does not allow you to view the lock code for obvious security reasons. If you change the lock code, be sure to write down or memorize the new code.

Emergency

Your phone provides the option of storing three emergency numbers. Each number can be up to 32 digits in length. All emergency numbers can be manually called at any time, even when your phone is locked or restricted. This can be a useful feature for controlling outgoing calls from your phone.

Note: Emergency number 911 is hard-coded into your phone. You can dial this number any time, even when the phone is locked or restricted. If you call 911 an audible tone is heard and an Emergency prompt appears in the display for the duration of the call.

Important!: Because of various transmission methods, network parameters, and user settings necessary to complete a call from your wireless phone, a connection cannot always be guaranteed. Therefore, emergency calling may not be available on all wireless networks at all times.

Important!: DO NOT depend on this phone as a primary method of calling 911 or for any other essential or emergency communications.

Remember to always turn your phone on and check for adequate signal strength before placing a call.

- **Store Emergency Numbers**

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 4ghi for **Security**. You're prompted to enter the lock code.

Tip: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 3def for **Emergency #**.
3. Press 1, 2abc, or 3def to select from the three emergency number entries.
4. Enter an emergency number (up to 32 digits in length).
5. Press the OK key to save the number that you entered.

- Call Emergency Numbers in Lock Mode

1. In standby mode, enter the emergency number.
2. Press the SEND key to place the call.

Resetting Your Phone

Reset Phone returns all setup options to their factory default.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 4ghi for **Security**. You're prompted to enter the lock code.

Tip: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 4ghi for **Reset Phone**. A prompt appears in the display asking if you wish to restore default settings (except for the Contacts and Voice Dial).
3. Press the **Yes** (left) soft key ( ) to restore default settings or press the **No** (right) soft key ( ) to return to the **Security** sub-menu.

Erase All Entry

Erase All Entry erases all Contacts entries except Voicemail.

1. **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 4ghi for **Security**. You're prompted to enter the lock code.

Tip: The default lock code is the last four digits of your mobile phone number.

2. Enter the four-digit lock code, then press 5jkl for **Erase All Entry**. The "**Enter Code**" prompt appears in the display.

Tip: The default lock code is the last four digits of your mobile phone number.

3. Enter the four-digit lock code a second time.

   The "**Enter Code**" prompt disappears and you are prompted to confirm that you want to "**Erase All Entries?**".

4. Press the **Yes** (left) soft key (•••) to erase all Contacts entries. Press the **No** (right) soft key (•••) to keep your Contacts entries.

Restriction

Restriction lets you restrict the use of your phone for outgoing calls, incoming calls, and calls placed from your Contacts.

1. **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 4ghi for **Security**. You're prompted to enter the lock code.

Tip: The default lock code is the last four digits of your telephone number.

2. Enter the lock code, then press 6mno for **Restriction**. The following options appear in the display:
   - **Outgoing** — When set to **On**, outgoing calls are restricted.
   - **Incoming** — When set to **On**, incoming calls are restricted.
   - **Contacts** — When set to **On**, all access to your Contacts List is restricted (including speed dialing).

Note: The default restriction settings are all **Off**.

3. Use the Up and Down navigation keys to highlight the Restriction you want, then press OK. The following options appear in the display:
   - **On** — Restricted
   - **Off** — Unrestricted

4. Use the Navigation key to highlight **On** or **Off**, then press OK.

NAM Selection

The **Network** menu allows you to select **NAM** (Number Assignment Module) settings for your phone. You can store two **NAM** settings, which are essentially telephone numbers, for your phone.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 5jkl for **NAM Selection**. The following options appear in the display:
   - **NAM1** — Your service contract has one phone line.
   - **NAM2** — Your service contract has two phone lines.
2. Use the navigation keys to highlight the desired option, then press the OK key to save your setting.

   The phone powers itself off and back on.

System Select

The **System Select** menu allows you to select the roaming setting for your phone.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 6mno for **System Select**. The following roaming options appear in the display:
   - **Home only** — Your phone is available for normal operation only within your designated coverage area.
   - **Automatic** — The Preferred Roaming List (PRL) is used to acquire service. If no preferred systems are found, any digital system is acquired.
2. Use the navigation keys to highlight the desired roaming option, then press the OK key to save your setting.

Set Time

Use the **Set Time** option to set the current date and time.

Note: In digital service mode, the **Set Time** feature is disabled. The network adjusts time and date automatically.

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1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 7pqrs for **Set Time**. The following options appear in the display:
   - **Set Time**
   - **Set Date**
2. Use the navigation keys to highlight the desired option, then press the OK key.

- For **Set Time**, the **Set Time** screen appears in the display.
  - Enter the current time using your keypad.
    The hour and minute must be entered using two digits each and in 12-hour format.
  - Use the Left and Right navigation keys to select **am** or **pm**.
  - Press OK to save the your time setting.
- For **Set Date**, the **Set Date** screen appears in the display.
  - Enter the current date using your keypad.
    The month and day must be entered using two digits each. The year must be entered using all four digits.
  - Press OK to save your date setting.

Quick Search

Quick Search is an easy way to locate Menu items and Contacts.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 8tuv for **Quick Search**. The following options appear in the display:
   - **On** — Quick Search is enabled
   - **Off** — Quick Search is disabled
2. Use the navigation keys to highlight the desired Quick Search option, then press the OK key to save your setting.

Searching for a Menu Item

1. In standby mode, press the first few numeric keys that correspond to the letters of the Menu item name.

   For example, to search for “Inbox” you would enter:

I N B O X

2. Press the **Down** navigation key. The **Menu List** screen appears in the display with the first menu item matching your entry highlighted.
3. Press the OK key to access the content of the menu item.

Searching for a Contact

1. In standby mode, press the first few numeric keys that correspond to the letters of the contacts name.

For example, to search for “Sally” you would enter:

2. Press the **Up** navigation key. The Find screen appears in the display with the first contact name matching your entry highlighted.
3. Press the SEND key to call the contact.

PC Connection

PC Connection allows you to select how you want to connect your phone to your personal computer.

Tip: For more information on using **PC Connection**, contact U.S. Cellular.

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1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 3def (for **Phone Settings**), and 9wxyz for **PC Connection**. The following options appear in the display:
   - **USB** — Enable a Universal Serial Bus connection
   - **Bluetooth** — Enable a Bluetooth wireless connection
   - **No Connection** — Disable PC Connection
2. Use the navigation keys to highlight the desired PC Connection option, then press the OK key to save your setting.

Memory Info

Memory Info lets you quickly and easily review and manage your phone memory usage. To access **Memory Info**, do the following:

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 4ghi for **Memory Info**. The following options appear in the display:
   - **Save Options** — Lets you specify whether your images and videos will be stored in your phone or on an optional Memory Card.
   - **Phone Memory** — Lets you review your phone’s available memory and manage your files stored there.
   - **Card Memory** — Lets you review a removable Memory Card’s available memory, manage your files stored there, and format new Memory Cards.

Save Options

Lets you specify where you want your images and videos stored.

To access Save Options:

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 4ghi (for **Memory Info**), and 1 for **Save Options**. The following file type options appear in the display:
   - **Images**
   - **Videos**
2. Use the Up and Down navigation keys to highlight the desired file type, then press the OK key. The following storage options appear in the display:
   - **Phone Memory** — Saves the selected type of files in your phone's memory.
   - **Card Memory** — Saves the selected type of files in a removable microSD memory card.
3. Use the Up and Down navigation keys to highlight the desired storage location, then press the OK key. "Save Options set" appears in the display, and you are returned to the **Save Options** menu.

Phone Memory

Lets you review your phone's available memory and manage your files stored there.

Memory Usage

Memory Usage lets you review your usage of your phone's memory.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 4ghi (for **Memory Info**), 2abc (for **Phone Memory**), and 1 for **Memory Usage**. The **Memory Usage** screen appears in the display showing the following information:
   - **Total** memory usage
   - **Available** unused memory
   - **My Images** memory usage
   - **My Videos** memory usage
   - **My Ringtones** memory usage
   - **My Sounds** memory usage
   - **Applications** memory usage
   - **Pic/Video Msg** memory usage
2. Press the OK key to return to the **Phone Memory** menu.

Freeing Memory

Phone Memory sub-menus let you list files in your multimedia folders and let you erase or move files as needed to free up memory on your phone for reuse.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 4ghi (for **Memory Info**), 2abc for **Phone Memory**. The **Phone Memory** screen appears in the display listing the following options:
   - **Memory Usage**
   - **My Images**
   - **My Videos**
   - **My Ringtones**
   - **My Sounds**
2. Use the Up and Down navigation keys to highlight the **My Images** / **Videos** / **Ringtones** / **Sounds** sub-menu, then press the OK key. A list of all files in the related folder appears in the display.

   Files are listed by name, and each file entry shows the name and size of each file.
3. To erase files, do the following:
   - Press the **Options** (right) soft key (•••). The following options appear in the display:
     - **Erase**
     - **Move**
   - Use the Up and Down navigation keys to highlight **Erase**, then press the OK key.
   - Use the Up and Down navigation keys to highlight a file you want to erase, then press the OK key to mark the file for erasure. (Press the **Mark All** (right) soft key (•••) to mark all files for erasure.)
   - Press the **Done** (left) soft key (•••). You are prompted to confirm erasure of the selected file(s).
   - Press the **Yes** (left) soft key (•••) to erase all marked files or press the **No** (right) soft key (•••) to return to the **Erase** screen.
4. To move files to the Memory Card, do the following:
   - Press the **Options** (right) soft key (•••). The following options appear in the display:
     - **Erase**
     - **Move**
   - Use the Up and Down navigation keys to highlight **Move**, then press the OK key.
   - Use the **Up** and **Down** navigation keys to highlight a file you want to move, then press the OK key to mark the file for moving. (Press the **Mark All** (right) soft key (•••) to mark all files for moving.)
   - Press the **Done** (left) soft key (•••). You are prompted to confirm moving the selected file(s) to the Memory Card.

- Press the **Yes** (left) soft key ( ) to move all marked files or press the **No** (right) soft key ( ) to return to the **Move** screen.

5. Press the CLR key to return to the **My Images** / **Videos** / **Ringtones** / **Sounds** sub-menu. Press the END key to return to standby mode.

Card Memory

Card Memory lets you review a removable, microSD Memory Card's available memory, manage your files stored there, and format new microSD Memory Cards.

Memory Usage

Memory Usage lets you review your usage of your Memory Card.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 4ghi (for **Memory Info**), 3def (for **Card Memory**), and 1@ for **Memory Usage**. The **Memory Usage** screen appears in the display showing the following information:
   - **Total** memory usage
   - **Available** unused memory
   - **My Images** memory usage
   - **My Videos** memory usage
   - **My Music** memory usage
2. Press the OK key to return to the **Card Memory** menu.

Freeing Memory

Card Memory sub-menus let you list files in your multimedia folders and let you erase or move files as needed to free up space on your Memory Card for reuse.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 4ghi (for **Memory Info**), 3def for **Card Memory**. The **Card Memory** screen appears in the display listing the following options:
   - **Memory Usage**
   - **My Images**
   - **My Videos**
   - **My Music**
   - **Format Card**
2. Use the Up and Down navigation keys to highlight the **My Images** / **Videos** / **Music** sub-menu, then press the OK key. A list of all files in the related folder appears in the display.

   Files are listed by name, and each file entry shows the name and size of the file.

3. To erase Image and Video files, do the following:
   - Press the **Options** (right) soft key ( ). The following options appear in the display:
     1 **Erase**
     1 **Move**
   - Use the Up and Down navigation keys to highlight **Erase**, then press the OK key.
   - Use the Up and Down navigation keys to highlight a file you want to erase, then press the OK key to mark the file for erasure. (Press the **Mark All** (right) soft key ( ) to mark all files for erasure.)
   - Press the **Done** (left) soft key ( ). You are prompted to confirm erasure of the selected file(s).
   - Press the **Yes** (left) soft key ( ) to erase all marked files or press the **No** (right) soft key ( ) to return to the **Erase** screen.
4. To erase Music files, do the following:
   - Press the **Erase** (right) soft key ( ).
   - Use the Up and Down navigation keys to highlight a Music file you want to erase, then press the OK key to mark the file for erasure. (Press the **Mark All** (right) soft key ( ) to mark all Music files for erasure.)
   - Press the **Done** (left) soft key ( ). You are prompted to confirm erasure of the selected file(s).
   - Press the **Yes** (left) soft key ( ) to erase all marked files or press the **No** (right) soft key ( ) to return to the **Erase** screen.
5. To move image and video files to the phone, do the following:
   - Press the **Options** (right) soft key ( ). The following options appear in the display:
     – **Erase**
     – **Move**
   - Use the Up and Down navigation keys to highlight **Move**, then press the OK key.
   - Use the Up and Down navigation keys to highlight a file you want to move, then press the OK key to mark the file for moving. (Press the **Mark All** (right) soft key ( ) to mark all files for moving.)
   - Press the **Done** (left) soft key ( ). You are prompted to confirm moving the selected file(s) to the phone.
   - Press the **Yes** (left) soft key ( ) to move all marked files or press the **No** (right) soft key ( ) to return to the **Move** screen.
6. Press the CLR key to return to the **My Images** / **Videos** / **Music** sub-menu. Press the END key to return to standby mode.

Formatting a Memory Card

Formatting a microSD Memory Card erases any data currently on the card and creates multimedia directories compatible with your phone. To format a Memory Card, do the following:

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 4ghi (for **Memory Info**), 3def (for **Card Memory**), and 5jkl for **Format Card**. You are prompted to confirm formatting of the Memory Card.
2. Press the **Yes** (left) soft key (•••) to format the Memory Card or press the **No** (right) soft key (•••) to return to the **Card Memory** screen.

Phone Info

The Phone Info options show you the hardware and software versions of your phone, definitions of the icons that appear at the tops of the phone displays, and the phone number assigned to your phone.

Phone Number

This option causes the Phone Number screen to appear in the display and show the ten-digit number assigned to your phone by U.S. Cellular.

1. In idle mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 5jkl (for **Phone Info**) and 1 for **Phone Number**. The phone number assigned by U.S. Cellular appears in the display.
2. Press OK to return to the **Phone Info** menu.

Icon Glossary

This option causes the Icon Glossary list to appear in the display and show the icons that can appear in the display and the names of the icons.

1. In idle mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 5jkl (for **Phone Info**) and 2abc for **Icon Glossary**. A list of the icons that can appear on the top line of the display shows in the display.
2. Press OK to return to the **Phone Info** menu.

Version

You can view both the software and hardware version of your phone using this feature. This feature is helpful if you need to contact Customer Service.

1. In standby mode, press the **MENU** key (OK), then press 9wxyz (for **Settings**), and 5jkl (for **Phone Info**) and 3def for **Version**.

   Your phone's software (S/W), preferred roaming list (PRL), **easy**edge[SM] (Easyedge), and hardware (H/W) information appears in the display.

2. Press OK to return to the **Phone Info** menu.

Section 15: Health and Safety Information

Topics Covered

- Health and Safety Information
- Samsung Mobile Products and Recycling
- UL Certified Travel Adapter
- Consumer Information on Wireless Phones
- Road Safety
- Responsible Listening
- Operating Environment
- Using Your Phone Near Other Electronic Devices
- Potentially Explosive Environments
- Emergency Calls
- FCC Notice and Cautions
- Other Important Safety Information
- Product Performance
- Availability of Various Features/Ring Tones
- Battery Standby and Talk Time
- Battery Precautions
- Care and Maintenance

This section outlines the safety precautions associated with using your phone. These safety precautions should be followed to safely use your phone.

Health and Safety Information

Exposure to Radio Frequency (RF) Signals

Certification Information (SAR)

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. government.

These FCC exposure limits are derived from the recommendations of two expert organizations, the National Counsel on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg). The FCC exposure limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this mobile phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. The maximum SAR values for this model phone as reported to the FCC are:

- **CDMA:**
  - **Head:** 1.30 W/Kg
  - **Body-worn:** 0.892 W/Kg
- **PCS:**
  - **Head:** 1.17 W/Kg

- **Body-worn:** 0.663 W/Kg

SAR information on this and other model phones can be viewed on-line at http://www.fcc.gov/oet/ea. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone.

Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional product specific SAR information can also be obtained at www.fcc.gov/cgb/sar.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile phones and genuine Samsung accessories.

Go to: http://www.samsungwireless.com/recycling.asp for more information.

UL Certified Travel Adapter

The Travel Adaptor for this phone has met UL 1310 safety requirements. Please adhere to the following safety instructions per UL guidelines.

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET. THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTATED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Consumer Information on Wireless Phones

The U.S. Food and Drug Administration (FDA) has published a series of Questions and Answers for consumers relating to radio frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

What kinds of phones are the subject of this update?

The term wireless phone refers here to hand-held wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones. These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head. These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies.

When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures well within the FCC's compliance limits.

Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical devices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function; and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well.

FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones.

FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the primary subject of the safety questions discussed in this document.

What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radio frequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be pre-disposed to develop cancer in absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health.

Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phones RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but ten or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancer-causing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radio frequency energy (RF).

FDA has been a leading participant in the World Health Organization international Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world. The Project has also helped develop a series of public information documents on EMF issues.

FDA and Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

What steps can I take to reduce my exposure to radio frequency energy from my wireless phone?

If there is a risk from these products - and at this point we do not know that there is - it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radio frequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radio frequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure.

Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Do hands-free kits for wireless phones reduce risks from exposure to RF emissions?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used with wireless phones for convenience and comfort. These systems reduce the absorption of RF energy in the head because the phone, which is the source of the RF emissions, will not be placed against the head. On the other hand, if the phone is mounted against the waist or other part of the body during use, then that part of the body will absorb more RF energy. Wireless phones marketed in the U.S. are required to meet safety requirements regardless of whether they are used against the head or against the body. Either configuration should result in compliance with the safety limit.

Do wireless phone accessories that claim to shield the head from RF radiation work?

Since there are no known risks from exposure to RF emissions from wireless phones, there is no reason to believe that accessories that claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption use special phone cases, while others involve nothing more than a metallic accessory attached to the phone. Studies have shown that these products generally do not work as advertised. Unlike "hand-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

In February 2002, the Federal trade Commission (FTC) charged two companies that sold devices that claimed to protect wireless phone users from radiation with making false and unsubstantiated claims. According to FTC, these defendants lacked a reasonable basis to substantiate their claim.

What about wireless phone interference with medical equipment?

Radio frequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a compatible phone and a compatible hearing aid at the same time. This standard was approved by the IEEE in 2000.

FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (Updated 12/1/2006):

- FCC RF Safety Program:
  http://www.fcc.gov/oet/rfsafety/
- Environmental Protection Agency (EPA):
  http://www.epa.gov/radiation/
- Occupational Safety and Health Administration's (OSHA):
  http://www.osha.gov/SLTC/radiofrequencyradiation/index.html
- National Institute for Occupational Safety and Health (NIOSH):
  http://www.cdc.gov/niosh/homepage.html
- World Health Organization (WHO):
  http://www.who.int/peh-emf/

- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de
- National Radiation Protection Board (UK): http://www.hpa.org.uk/radiation
- US Food and Drug Administration http://www.fda.gov/cellphones

Road Safety

Your wireless phone gives you the powerful ability to communicate by voice, almost anywhere, anytime. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. When using your wireless phone behind the wheel of a car, practice good common sense and remember the following tips:

1. Get to know your wireless phone and its features, such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.
2. When available, use a hands-free device. If possible, add an additional layer of convenience and safety to your wireless phone with one of the many hands free accessories available today.
3. Position your wireless phone within easy reach. Be able to access your wireless phone without removing your eyes from the road. If you get an incoming call at an inconvenient time, let your voice mail answer it for you.
4. Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions. Rain, sleet, snow, ice and even heavy traffic can be hazardous.
5. Do not take notes or look up phone numbers while driving. Jotting down a "to do" list or flipping through your address book takes attention away from your primary responsibility, driving safely.
6. Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic. Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
7. Do not engage in stressful or emotional conversations that may be distracting. Make people you are talking with aware you are driving and suspend conversations that have the potential to divert your attention from the road.

8. Use your wireless phone to call for help. Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies. Remember, it is a free call on your wireless phone!
9. Use your wireless phone to help others in emergencies. If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.
10. Call roadside assistance or a special non-emergency wireless assistance number when necessary. If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency number.

"The wireless industry reminds you to use your phone safely when driving."

For more information, please call 1-888-901-SAFE, or visit our web-site www.wow-com.com.

Provided by the Cellular Telecommunications & Internet Association.

Responsible Listening

Caution!: Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cellular telephones, at high volume settings for long durations may lead to permanent noise-induced hearing loss. This includes the use of headphones (including headsets, earbuds, and Bluetooth or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound and distorted hearing.

Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there is no single volume setting that is appropriate for everyone or for every combination of sound, settings and equipment.

You should follow some commonsense recommendations when using any portable audio device:

- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, you noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300

Reston, VA 20190

Voice: (800) 222-2336

Email: info@audiology.org

Internet: www.audiology.org

National Institute on Deafness and Other Communication Disorders

National Institutes of Health

31 Center Drive, MSC 2320

Bethesda, MD 20892-2320

Voice: (301) 496-7243

Email: nidcdinfo@nih.gov

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

National Institute for Occupational Safety and Health

Hubert H. Humphrey Bldg.

200 Independence Ave., SW

Washington, DC 20201

Voice: 1-800-35-NIOSH (1-800-356-4647)

Internet: http://www.cdc.gov/niosh/topics/noise/default.html

Operating Environment

Remember to follow any special regulations in force in any area and always switch your phone off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the phone or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

As with other mobile radio transmitting equipment, users are advised that for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the equipment should only be used in the normal operating position (held to your ear with the antenna pointing over your shoulder if you are using an external antenna).

Using Your Phone Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless phone and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device. Persons who have such devices:

- Should ALWAYS keep the phone more than six (6) inches from their implantable medical device when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the phone OFF immediately if there is any reason to suspect that interference is taking place.
- Should read and follow the directions from the manufacturer of your implantable medical device. if you have any questions about using your wireless phone with such a device, consult your health care provider.

For more information see, http://www.fcc.gov/oet/rfsafety/rf-faqs.html

Hearing Aid Compatibility with Mobile Phones

When some mobile phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed ratings for some of their mobile phones, to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device's telecoil ("T Switch" or "Telephone Switch") than unrated phones. T4 is the better/higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The more immune your hearing aid is, the less likely you are to experience interference noise from mobile phones.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your phone off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your phone off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your phone off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Users are advised to switch the phone off while at a refueling point (service station). Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often but not always clearly marked. They include below deck on boats, chemical transfer or storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, wireless and landline networks as well as user-programmed functions, which cannot guarantee connection in all conditions. Therefore, you should never rely solely on any wireless phone for essential communications (medical emergencies, for example).

Remember, to make or receive any calls the phone must be switched on and in a service area with adequate signal strength. Emergency calls may not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the key.

If certain features are in use (call barring, for example), you may first need to deactivate those features before you can make an emergency call. Consult this document and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your phone may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Restricting Children's access to your Phone

Your phone is not a toy. Children should not be allowed to play with it because they could hurt themselves and others, damage the phone or make calls that increase your phone bill.

FCC Notice and Cautions

FCC Notice

The phone may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the phone if such interference cannot be eliminated.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn: Publication Sales Division.

Cautions

Any changes or modifications to your phone not expressly approved in this document could void your warranty for this equipment, and void your authority to operate this equipment. Only use approved batteries, antennas and chargers. The use of any unauthorized accessories may be dangerous and void the phone warranty if said accessories cause damage or a defect to the phone.

Although your phone is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Check regularly that all wireless phone equipment in your vehicle is mounted and operating properly.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both installed or portable wireless equipment in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your phone off before boarding an aircraft. The use of wireless phone in aircraft is illegal and may be dangerous to the aircraft's operation.
- Failure to observe these instructions may lead to the suspension or denial of telephone services to the offender, or legal action, or both.

Product Performance

Getting the Most Out of Your Signal Reception

The quality of each call you make or receive depends on the signal strength in your area. Your phone informs you of the current signal strength by displaying a number of bars next to the signal strength icon. The more bars displayed, the stronger the signal.

If you're inside a building, being near a window may give you better reception.

Understanding the Power Save Feature

If your phone is unable to find a signal after 15 minutes of searching, a Power Save feature is automatically activated. If your phone is active, it periodically rechecks service availability or you can check it yourself by pressing any key.

Anytime the Power Save feature is activated, a message displays on the screen. When a signal is found, your phone returns to standby mode.

Understanding How Your Phone Operates

Your phone is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your phone, the system handling your call controls the power level. This power can range from 0.006 watts to 0.2 watts in digital mode.

Maintaining Your Phone's Peak Performance

For the best care of your phone, only authorized personnel should service your phone and accessories. Faulty service may void the warranty.

There are several simple guidelines to operating your phone properly and maintaining safe, satisfactory service.

- If your phone is equipped with an external antenna, hold the phone with the antenna raised, fully-extended and over your shoulder.
- Do not hold, bend or twist the phone's antenna, if applicable.
- Do not use the phone if the antenna is damaged.
- If your phone is equipped with an internal antenna, obstructing the internal antenna could inhibit call performance.
- Speak directly into the phone's receiver.
- Avoid exposing your phone and accessories to rain or liquid spills. If your phone does get wet, immediately turn the power off and remove the battery. If it is inoperable, call Customer Care for service.

Availability of Various Features/Ring Tones

Many services and features are network dependent and may require additional subscription and/or usage charges. Not all features are available for purchase or use in all areas. Downloadable Ring Tones may be available at an additional cost. Other conditions and restrictions may apply. See your service provider for additional information.

Battery Standby and Talk Time

Standby and talk times will vary depending on phone usage patterns and conditions. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, frequency of calls, and voice, data, and other application usage patterns.

Battery Precautions

- Avoid dropping the cell phone. Dropping it, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- Never use any charger or battery that is damaged in any way.
- Use the battery only for its intended purpose.
- If you use the phone near the network's base station, it uses less power; talk and standby time are greatly affected by the signal strength on the cellular network and the parameters set by the network operator.
- Follow battery usage, storage and charging guidelines found in the user's guide.
- Battery charging time depends on the remaining battery charge and the type of battery and charger used. The battery can be charged and discharged hundreds of times, but it will gradually wear out. When the operation time (talk time and standby time) is noticeably shorter than normal, it is time to buy a new battery.
- If left unused, a fully charged battery will discharge itself over time.
- Use only Samsung-approved batteries and recharge your battery only with Samsung-approved chargers. When a charger is not in use, disconnect it from the power source.
- Do not use incompatible cell phone batteries and chargers. Some Web sites and second-hand dealers, not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier recommended products and accessories.
- Extreme temperatures will affect the charging capacity of your battery: it may require cooling or warming first.

- Do not leave the battery in hot or cold places, such as in a car in summer or winter conditions, as you will reduce the capacity and lifetime of the battery. Always try to keep the battery at room temperature. A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Li-ion batteries are particularly affected by temperatures below 0 °C (32 °F). The battery should not be charged at temperatures below 0 degrees C (32 degrees F) or above 45 degrees C (113 degrees F).
- Do not place the phone in areas that may get very hot, such as on or near a cooking surface, cooking appliance, iron, or radiator.
- Do not get your phone or battery wet. Even though they will dry and appear to operate normally, the circuitry could slowly corrode and pose a safety hazard.
- Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip, key, jewelry or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.
- Do not crush, puncture or put a high degree of pressure on the battery as this can cause an internal short-circuit, resulting in overheating.
- Dispose of used batteries in accordance with local regulations. In some areas, the disposal of batteries in household or business trash may be prohibited. For safe disposal options for Li-Ion batteries, contact your nearest Samsung authorized service center. Always recycle. Do not dispose of batteries in a fire.

Care and Maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and liquids contain minerals that will corrode electronic circuits.
- Do not use the phone with a wet hand. Doing so may cause an electric shock to you or damage to the phone.
- Do not use or store the phone in dusty, dirty areas, as its moving parts may be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.

- Do not store the phone in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which may damage the phone's electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents or strong detergents to clean the phone. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.
- Do not paint the phone. Paint can clog the device's moving parts and prevent proper operation.
- Do not put the phone in or on heating devices, such as a microwave oven, a stove or a radiator. The phone may explode when overheated.
- If your phone is equipped with an external antenna, use only the supplied or an approved replacement antenna. Unauthorized antennas or modified accessories may damage the phone and violate regulations governing radio devices.
- If the phone, battery, charger or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

Section 16: Warranty Information

Topics Covered

- Standard Limited Warranty

Standard Limited Warranty

What is Covered and For How Long? SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants to the original purchaser ("Purchaser") that SAMSUNG's Phones and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Leather Case/ Pouch	90 Days
Holster	90 Days
Other Phone Accessories	1 Year

What is Not Covered? This Limited Warranty is conditioned upon proper use of Product by Purchaser. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical, electrical or electromechanical stress, or modification of any part of Product, including antenna, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) any plastic surfaces or other externally exposed parts that are scratched or damaged due to normal use; (d) malfunctions resulting from the use of Product in conjunction with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (e) defects or damage from improper testing, operation, maintenance, installation, or adjustment; (f) installation, maintenance, and service of Product, or (g) Product used or purchased outside the United States or Canada. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery, (ii) any of the seals on the battery are broken or show evidence of tampering, or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's Obligations? During the applicable warranty period, SAMSUNG will repair or replace, at SAMSUNG's sole option, without charge to Purchaser, any defective component part of Product. To obtain service under this Limited Warranty, Purchaser must return Product to an authorized phone service facility in an adequate container for shipping, accompanied by Purchaser's sales receipt or comparable substitute proof of sale showing the date of purchase, the

serial number of Product and the sellers' name and address. To obtain assistance on where to deliver the Product, call Samsung Customer Care at 1-888-987-4357. Upon receipt, SAMSUNG will promptly repair or replace the defective Product. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product or replace Product with a rebuilt, reconditioned or new Product. Repaired/replaced leather cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Product will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for 90 days, whichever is longer. All replaced parts, components, boards and equipment shall become the property of SAMSUNG. If SAMSUNG determines that any Product is not covered by this Limited Warranty, Purchaser must pay all parts, shipping, and labor charges for the repair or return of such Product.

WHAT ARE THE LIMITS ON SAMSUNG'S WARRANTY/LIABILITY? EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED HEREIN, PURCHASER TAKES THE PRODUCT "AS IS," AND SAMSUNG MAKES NO WARRANTY OR REPRESENTATION AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO:

- "THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE;
- "WARRANTIES OF TITLE OR NON-INFRINGEMENT;
- "DESIGN, CONDITION, QUALITY, OR PERFORMANCE OF THE PRODUCT;
- "THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN; OR
- "COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO.

NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT. ALL IMPLIED WARRANTIES AND CONDITIONS THAT MAY ARISE BY OPERATION OF LAW, INCLUDING IF APPLICABLE THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY LIMITED TO THE SAME DURATION OF TIME AS THE EXPRESS WRITTEN WARRANTY STATED HEREIN. SOME STATES/PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE, USE, OR MISUSE OF, OR INABILITY TO USE THE PRODUCT OR ARISING DIRECTLY OR INDIRECTLY FROM THE USE OR LOSS OF

USE OF THE PRODUCT OR FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS, OR FOR DAMAGES ARISING FROM ANY TORT (INCLUDING NEGLIGENCE OR GROSS NEGLIGENCE) OR FAULT COMMITTED BY SAMSUNG, ITS AGENTS OR EMPLOYEES, OR FOR ANY BREACH OF CONTRACT OR FOR ANY CLAIM BROUGHT AGAINST PURCHASER BY ANY OTHER PARTY. SOME STATES/PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE/PROVINCE TO PROVINCE. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT AND STATES PURCHASER'S EXCLUSIVE REMEDY. IF ANY PORTION OF THIS LIMITED WARRANTY IS HELD ILLEGAL OR UNENFORCEABLE BY REASON OF ANY LAW, SUCH PARTIAL ILLEGALITY OR UNENFORCEABILITY SHALL NOT AFFECT THE ENFORCEABILITY FOR THE REMAINDER OF THIS LIMITED WARRANTY WHICH PURCHASER ACKNOWLEDGES IS AND WILL ALWAYS BE CONSTRUED TO BE LIMITED BY ITS TERMS OR AS LIMITED AS THE LAW PERMITS. THE PARTIES UNDERSTAND THAT THE PURCHASER MAY USE THIRD-PARTY SOFTWARE OR EQUIPMENT IN CONJUNCTION WITH THE PRODUCT. SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS AND THERE ARE NO CONDITIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRDPARTY SOFTWARE OR EQUIPMENT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE, INCLUDING THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT. THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT LIE SOLELY WITH THE PURCHASER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT, AS THE CASE MAY BE.

This Limited Warranty allocates risk of Product failure between Purchaser and SAMSUNG, and SAMSUNG's Product pricing reflects this allocation of risk and the limitations of liability contained in this Limited Warranty. The agents, employees, distributors, and dealers of SAMSUNG are not authorized to make modifications to this Limited Warranty, or make additional warranties binding on SAMSUNG. Accordingly, additional statements such as dealer advertising or presentation, whether oral or written, do not constitute warranties by SAMSUNG and should not be relied upon.

Samsung Telecommunications America, LLC
1000 Klein Street
Plano, Texas 75074

Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

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